

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.23

SPRING

1952



LIBRARY
RECEIVED
FEB 15 1952 ☆
Department of Agriculture

PETUNIA BALLERINA



All-American Selection 1952. An F₁ hybrid. Soft glowing salmon color. 100% grandiflora—blooms measuring 3½ to 4 inches. Ballerina is very vigorous and free blooming, but uniformly dwarf and compact. Excellent for pots—outstanding in the garden.

½ Tr. Pkt. . . . \$1.35 Tr. Pkt. . . . \$2.50
1/128 oz. . . . \$4.50

American Bulb Company

CHICAGO • NEW YORK

SEEDS, BULBS, PLANTS

**"SUPREME" FANCY LEAVED CALADIUMS FOR WINDOW
AND STORE DECORATION, ETC.**

A. B. C. "Supreme" Quality Fancy Leaved Caladiums

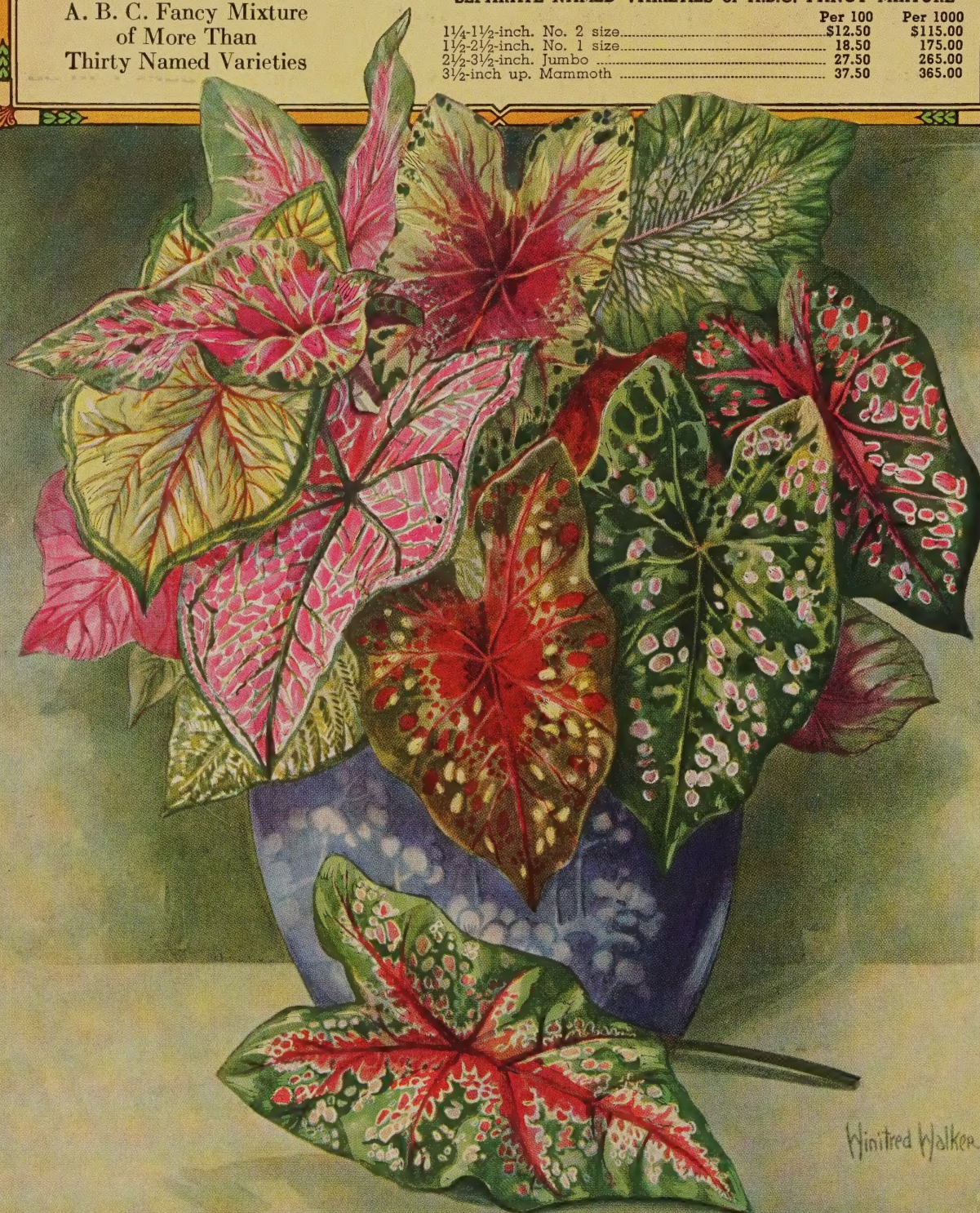
Showing in Color a Few
from Our
A. B. C. Fancy Mixture
of More Than
Thirty Named Varieties

(True Brazilian Type)

PRICES

SEPARATE NAMED VARIETIES or A.B.C. FANCY MIXTURE

	Per 100	Per 1000
1 1/4-1 1/2-inch. No. 2 size.....	\$12.50	\$115.00
1 1/2-2 1/2-inch. No. 1 size.....	18.50	175.00
2 1/2-3 1/2-inch. Jumbo	27.50	265.00
3 1/2-inch up. Mammoth	37.50	365.00



Wintred Walker

We have advanced the sale of Fancy Leaved Caladiums by the new strains we have been delivering to the trade. Our bulbs are grown for us in Florida comprising the new American and best European seedlings. We confidently feel there is no comparison to the old type Fancy Leaved Caladiums generally offered. Provide exceptional pot plants or for making up combination boxes, tubs, basket work, etc.

AMERICAN BULB COMPANY

Importers and Growers

WHOLESALE PRICE LIST

Spring Edition 1952

This book is a combined catalog of seeds, bulbs, plants (Pages 1 to 58) and the A.F.S. Bluebook of florist and horticultural supplies (Pages 59 to 104). Consult special index pages 2 and 102-103 for specific items.

TABLE OF CONTENTS

	Page		Page
Annual Flower Seeds	4-34	Carnation Cuttings	6, 58
Perennial Flower Seeds	35-39	Cloth	60
Vegetable Seeds	40-42	Fertilizers	62-63
Grass Seed	42	Insecticides	64-68
Bulbs	43-48	Greenhouse Supplies	69-88
Mum Cuttings	49-57	Florist Shop Supplies	89-101
INDEX TO SEEDS, BULBS, PLANTS	2	INDEX TO SUPPLIES	102-103

TERMS OF BUSINESS

Routing: Please give explicit shipping directions with each order, giving name of Freight, Express and Post Office stations. If no directions are given we will use our best judgment, but all goods travel at purchaser's risk.

Parcel Post: We will be pleased to send such items as can be mailed by Parcel Post; customers to remit for postage. We do not deliver goods free at Wholesale Prices, except flower seeds. Flower seeds will be sent prepaid by parcel post within the continental limits of the United States.

Disclaimer: The American Bulb Company and the American Florist Supply Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds (bulbs or plants) or florist supplies it sells and will not be responsible for the crop.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

Cash Discounts: Cash with order only. 3% on Bulbs; 2% on Plants

or Florist Supplies. Flower seeds; 5% on orders totaling less than \$25.00; 8% on orders over \$25.00. 5% on Vegetable seeds. Prices on Cyclamen and Lawn seeds are NET.

Otherwise, on bills for Flowers and Vegetable Seeds, Bulbs Plants, and Florist Supplies, a discount of 2% for payment 10 days from date of bill may be deducted. Exception to the above is taken when goods are supplied under special quotation, in which case particular terms will be noted.

Prices: This list cancels all previous offers.

Unknown correspondents desiring to open an account will please furnish three references to parties in the trade with whom they have had credit relations, and sufficient time to investigate same; otherwise cash must accompany order.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance. We cannot arrange to send perishable stock C. O. D.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

CHICAGO 7

1335 WEST RANDOLPH STREET

Telephone HAYmarket 1-6774

CABLE—BULBS CHICAGO

NEW YORK 1

31 WEST 27TH STREET

Telephone MURray Hill 4-7256

CABLE—BULBS NEW YORK

AMERICAN FLORIST SUPPLY CO.

Importers and Distributors

INDEX

SEEDS • BULBS • PLANTS • ROOTED CUTTINGS

(S)—Seeds. (B)—Bulbs. (R.C.)—Rooted Cuttings.

Page	Page	Page	Page
Achillea (S) .....35	Cheiranthus (S) .....36	Helichrysum (S) .....18	Platycodon (S) .....38
Aconitum (S) .....35	Chinese Forget-Me-Not	Heliotrope (S) .....18	Poppy (S) .....27, 38
Acroclinium (S) .....7	(S) .....15	Heuchera (S) .....37	Portulaca (S) .....27
Agathea (S) .....7	Chysanthemum (S) .....13	Hibiscus (S) .....37	Primula (S) .....27, 28, 39
Ageratum (S) .....5	Rooted Cuttings .....49-57	Hollyhock (S) .....18, 37, 38	Pyrethrum (S) .....39
Agrostema (S) .....34	Cineraria (S) .....13-14	Hunnemannia (S) .....18	
Alyssum (S) .....4, 7, 35	Clarkia (S) .....14		Ricinus (S) .....28
Amaranthus (S) .....7	Clematis Paniculata	Iberis (S) .....38	Rudbeckia (S) .....28, 29
Amaryllis (S)....7; (B)....44	(S) .....36	Impatiens (S) .....18	
Anchusa (S) .....7, 35	Cleome (S) .....14	Ipomea (S) .....4, 18	Salpiglossis (S) .....28
Anemone (S)....35; (B)....47	Cobea (S) .....14		Salvia (S) .....28
Anthemis (S) .....35	Coreopsis (S) .....36	Kalanchoe (S) .....18	Sanvitalia (S) .....28
Antirrhinum (S) .....5, 29-30	Coleus (S) .....14	Kochia (S) .....18	Saponaria (S) .....28
Aquilegia (S) .....35	Cosmos (S) .....5, 14		Scabiosa (S) .....28, 39
Arabis (S) .....35	Cuphea (S) .....14	Lantana (S) .....18	Schizanthus (S) .....28
Arctotis (African Lilac	Cyclamen (S) .....15	Larkspur (S) .....4, 19	Shamrock (S) .....28
Daisy) (S) .....7	Cynoglossum (S) .....15	Lathyrus (S) .....38	Smilax (S) .....28
Armeria (S) .....35	Cyperus (S) .....15	Liatris (S) .....38	Snapdragon (S) .....5, 29-30
Asparagus (S) .....7		Lilies (B) .....46-48	Statice (S) .....30, 39
Aster (S) .....5, 8, 9, 35	Dahlia (S) .....15-16	Lilium (S) .....38	Stevia (S) .....30
Aubretia (S) .....35	Daisy, Shasta (S).....37	Lily-of-the-Valley Pips	Stocks (S) .....4, 31
	Daisy, Tahoka (S).....15	(B) .....48	Stokesia (S) .....39
Bachelor Button (S).....13	Delphinium (S) .....5, 36	Linum (S) .....38	Sweet Peas (S).....32
Balsam (S) .....10	Dianthus (S) .....16, 37	Lobelia (S) .....38	Sweet William (S).....36
Baptisia (S) .....35	Dicentra (S) .....37	Lunaria (S) .....38	Sweet Wivelsfield (S).....33
Bartonia (S) .....10	Didiscus (S) .....16	Lupinus (S) .....19, 38	
Begonia (S)....4, 10; (B)....45	Digitalis (S) .....37	Lychnis (S) .....38	
Bellis Perennis (S).....35	Dimorphotheca (S) .....16		Thalictrum (S) .....39
Blue Lace Flower (S).....16	Dolichos (S) .....16	Marigold (S) .....20, 21	Thermopsis (S) .....39
Books .....16-17	Dracaena (S) .....16	Marvel of Peru (S).....22	Thunbergia (S) .....33
Brachycome (S) .....10	Dusty Miller (S).....13	Matricaria (S) .....38	Tithonia (S) .....33
Browallia (S) .....10		Matthiola (S) .....22	Torenia (S) .....33
	Eschscholtzia (S) .....16	Mesembryanthemum (S) ..22	Tritoma (S) .....39
Caladium (B)	Euphorbia (S) .....16	Mignonette (S) .....22	Trollius (S) .....39
Inside Front Cover, 3, 44		Mimosa (S) .....22	Tuberoses (B) .....44
Calceolaria (S) .....11	Feverfew (S) .....38	Mimulus (S) .....22	Tunica (S) .....39
Calendula (S) .....11	Forget-Me-Not (S) .....38	Morning Glory (S) .....18	
Callas (B) .....55		Myosotis (S) .....38	Valeriana (S) .....39
Calliopsis (S) .....11	Gaillardia (S) .....17, 37		Vegetable Seed (S)....40-42
Campanula (S) .....11, 36	Gerbera (S) .....37	Nasturtiums (S) .....22	Venidium (S) .....33
Canary Bird Vine (S).....11	Geum (S) .....37	Nemesia (S) .....22	Verbena (S) .....33
Candytuft (S) .....12, 38	Gilia (S) .....17	Nicotiana (S) .....22	Veronica (S) .....39
Cannas (B) .....44	Gladiolus (B) .....43	Nierembergia (S) .....22	Vinca (S) .....33
Canterbury Bells (S)....11, 35	Gloxinia (S)....17; (B)....45	Nigella (S) .....22	Viola (S) .....39
Cardinal Climber (S).....12	Godetia (S) .....17	Oenothera (S) .....38	Virginian Stocks (S).....33
Carnation (S) .....12, 36	Gomphrena (S) .....17		Viscaria (S) .....33
Carnation (R.C.) .....5, 58	Gourds (S) .....17	Pansy (S) .....23	
Celosia (S) .....12	Grass, Lawn (S).....42	Pentstemon (S) .....38	Wallflower (S) .....33
Centaurea (S) .....13	Grevillea (S) .....17	Petunias (S) .....4, 24-26	Xeranthumum (S) .....33
Cerastium (S) .....36	Gypsophila (S) .....17, 37	Phlox (S) .....27	
		Physalis (S) .....38	Zinnia (S) .....5, 34

Index to Florist Supplies, Pages 102-103

Please Note . . .

1. All orders for flower seeds will be sent by prepaid parcel post.
2. Take advantage of our liberal cash discount on flower seeds—5% on orders totaling less than \$25; 8% on orders over \$25.
3. We will be glad to quote on larger quantities of seed than those listed.

Fancy Leaved Caladiums

We must give credit to Dr. Henry Nehrling who first brought the Fancy Leaved Caladium to Florida and started to develop it for commercial use. Dr. Nehrling writes in his book "My Garden In Florida":

"The year 1893 may be properly called a red letter year of my life. It was the year of the World's Columbian Exposition in Chicago. Here I saw, for the first time in my life, masses of the new Fancy Leaved Caladiums. They came from the largest hybridizer of these brilliant foliage plants, Adolph Lietze in Rio de Janeiro. When I admired the richness and brilliancy of these often translucent colors, I was reminded of art, not of nature. My collections of various plants of all kinds of Fancy Leaved Caladiums surpassed them all.

"After receiving a few specimen bulbs, I started hybridizing and succeeded in developing many new varieties, which are today being grown in Florida in large quantities.

"In the summer my fields have been visited by thousands of people where I had a planting of 250,000 Caladiums every year and the admiration for these beautiful foliage plants by the visitors encouraged me to continue hybridizing and where I finally produced as many as 1500 new kinds. No pen or pencil can give an idea of the indescribable beauty of these colored masses when they are at their best. The color ranges from the purest white to the deepest red, and from the most delicate transparent bluish

and pinkish white to the deepest translucent claret, scarlet and purple."

Florida owes to Dr. Nehrling a reward that unfortunately his passing deprived him of receiving. In Florida there are about five million bulbs being produced every year. We, the American Bulb Co., are supplying bulbs throughout America and many European countries. This year there will be from three to five million bulbs distributed throughout America and foreign countries.

About 12 years ago, I personally introduced Fancy Leaved Caladiums in a large way. While many florists have grown them in a small way, today several hundred thousand bulbs go to the State of California to florists, as they have recognized it is one of the most valuable pot plants they can grow.

Many growers have seen the advantage of this beautiful foliage plant. It is being used for window boxes where it performs well all during the Summer in any climate. We, the American Bulb Co., compliment ourselves on the largest crop, having growers who grow for us exclusively the best selected varieties.

In 1954 we will introduce about 10 new varieties that are now in cultivation that we are developing stocks of. We assure florists, who are desirous of getting the latest and finest Fancy Leaved Caladium bulbs, that we can supply them.

A. MILLER, President
AMERICAN BULB CO.

FOR PRICES SEE INSIDE FRONT COVER

RECENT SEED INTRODUCTIONS



Petunia Ballerina



Larkspur Regal Lilac



Alyssum Snowdrift

PETUNIAS

BALLERINA. All-America Selection 1952. An F₁ hybrid. Soft glowing salmon color. 100% grandiflora—blooms measuring 3½ to 4 inches. Ballerina is very vigorous and free blooming, but uniformly dwarf and compact. Excellent for pots—outstanding in the garden.

½ Tr. Pkt. **\$1.35** Tr. Pkt. **\$2.50** 1/128 oz. **\$4.50**

LA PALOMA. An F₁ Hybrid with pure white, large, well fringed flowers. Very uniform and vigorous. Suitable for bedding or pots.

½ Tr. Pkt. **\$1.35** Tr. Pkt. **\$2.50**
1/128 oz. **4.50** 1/64 oz. **8.00**

FIRE CHIEF. Brilliant scarlet red. All American Gold Medal winner for 1950. Publicity still helps its popularity. Better have some plants on hand.

Tr. Pkt. **\$.50** 1/32 oz. **\$1.25**
1/16 oz. **2.25** ¼ oz. **4.00**

BEGONIAS

REX. A new, fine hybrid mixture of these richly-colored ornamental-leaved begonias. Seed grown by Ernst Benary of Germany and packed in originator's packets. An ideal plant for pots or combination boxes.

Tr. Pkt. (500 seeds) **\$2.00**

BEGONIA GRACILIS SEMPERFLORENS TAU-SENDSCHON (Benary). Extra dwarf and compact. Gives a profusion of bright pink flowers. Originator's packets. Tr. Pkt. **\$1.50**



Begonia Rex

LARKSPUR

REGAL STRAIN. Huge double Delphinium-like florets evenly spaced on tremendously long full spikes together with more height, more vigor and more resistance to shattering distinguish this new strain from all others.

Regal Dark Blue

Regal Rose

Regal Pink

Regal White

Regal Lilac

Regal Mixed

Tr. Pkt. **35c** ¼ oz. **60c** Oz. **\$1.80**
4 oz. **\$6.00** Lb. **\$18.00**

COLUMN STOCKS

SHELL PINK. This delicately-shaded blush tone provides a much needed color for the cut flower growers. Quite early blooming, the florets are large and well spaced on strong stems of good cutting length. Fine under artificial light. Tr. Pkt. **\$1.25** ¼ oz. **\$5.50** Oz. **\$20.00**

WHITE GIANT. A remarkable new column stock especially bred and selected for the cut flower grower. It has lots of height and an enormous flower spike closely set with extra double florets. Flowers are pure glistening white. Excellent in cool climates. Ten days earlier than other whites outdoors. Originators seed.

½ Tr. Pkt. **70c** Tr. Pkt. **\$1.15**
¼ oz. **\$2.75** 1 oz. **\$10.00**

ALYSSUM

SNOWDRIFT. Here again the miracle drug colchicine has produced a new flower—a tetraploid sweet Alyssum. One foot tall, it's rugged and vigorous. Bears masses of huge snowy white blooms on uniform plants. Stems closely approach Hyacinth Candytuft and are fine for cutting.

Tr. Pkt. **40c** ¼ oz. **90c** Oz. **\$2.80**

Column Stocks



RECENT SEED INTRODUCTIONS

ASTERS

KIRKWELL. A welcome novelty as a pot plant. Plants are base branching, dwarf and compact. Masses of double flowers averaging 2 inches across are produced from August till frost. 1 ft. See p. 9 for pot culture.

Crimson	Light Pink
Deep Blue	Salmon Pink
Deep Rose	Mixed Colors

Tr. Pkt....50c ¼ oz....\$1.70 Oz....\$5.00

BALLET MIXED. An improved Queen of the Market with larger flowers and earlier. Very wilt resistant. Earliest of all Asters and best for the South.

Tr. Pkt....35c ¼ oz....65c Oz....\$2.00

PRINCESS PAT. The brilliant crimson Princess Aster, latest in this famous line of garden

Asters. Fine 3 to 3½-inch quilled flowers whose "cushion" centers show no eye. Excellent shipping qualities, high wilt-resistance.

Tr. Pkt....40c ¼ oz....90c Oz....\$2.80

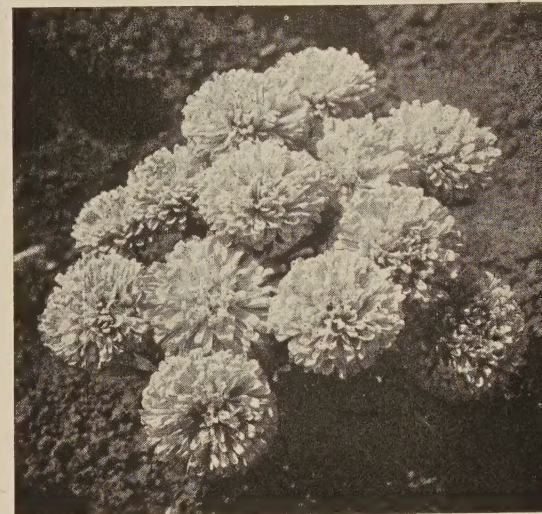
REMO. Much taller than the Kirkwell and less double. Flowers have attractive yellow centers surrounded by rows of ray petals. Excellent for cutting. See picture on page 9.

Dark Blue	Light Blue
Dark Red	Light Rose
Deep Rose	Creamy White

Tr. Pkt....40c ¼ oz....90c Oz....\$2.90

BALL SHELL PINK. Long stems with few laterals. Excellent for early spring under additional light. Blooms August 20.

Tr. Pkt....\$1.50 ¼ oz....\$2.50 1 oz....\$7.50



Kirkwell Aster

ZINNIAS

PEPPERMINT STICK. Medium-sized Pumila type flowers borne on robust plants taller than Pumila. Flower petals are striped in various color combinations such as red and white, red and yellow, purple and white, orange and yellow. Approx. 70% striped flowers. There should be a tremendous demand for Zinnia Peppermint Stick plants next Spring as national publicity is being carefully prepared.

Tr. Pkt....35c ¼ oz....75c Oz....\$2.40

PERSIAN CARPET. All-America Selection 1952. Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations with many rich shades as well as gold, bronze, and orange. Flowers with cutting stems borne on low, mound-shaped border and edging plants.

Tr. Pkt....40c ¼ oz....\$1.10 Oz....\$4.00

FLORDALE SCARLET. A brilliant scarlet-red with an unusually graceful flower form. Petals are long, ruffled and twisted giving flowers a fluffy appearance.

½ Tr. Pkt....35c ¼ oz....\$1.00 Oz....\$2.90



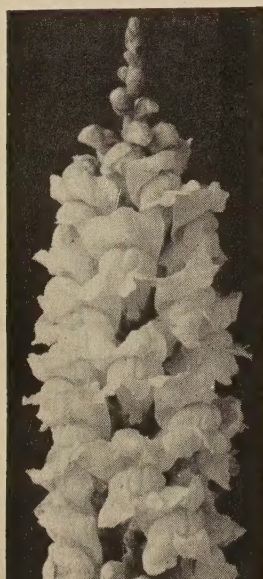
Zinnia Persian Carpet

DELPHINIUM

ASTOLAT SERIES. This new Giant Pacific Hybrid contains shades of pink ranging from pale blush to lilac pink with large brown, fawn and black bees.

Tr. Pkt....\$1.75 ½ oz....\$3.00 ¼ oz....\$5.00

Colossal Snaps



SNAPDRAGONS

COLOSSAL SNAPS MIXED. A fine outdoor snapdragon with very large florets on strong 3 foot stems. Spikes stand erect and produce heavily. The mixture is a controlled blend of white, pink, orchid, yellow, crimson and orange.

Tr. Pkt.....50c ¼ oz.....\$2.40 Oz.....\$7.50

PRISCILLA ANN. Rich velvety crimson hybrid. The earliest of the Yoder varieties. Long, graceful spikes with large florets. Lip shows a little yellow at some seasons but not most of the year.

Tr. Pkt.\$3.50

MARYLAND WHITE. Pure White Hybrid. The result of ten years' work for a quality white snap. It has been tested for several years by growers and praised highly.

Tr. Pkt.\$3.50

COSMOS

FIESTA. All-America Selection 1952. Gold-striped scarlet—a new color for the garden landscape. Early, heat-loving, easy to grow, Fiesta makes a compact 2½-foot plant with a riot of bloom all summer long. Flowers are semi-double and ruffled. Fiesta will be the most publicized flower novelty of the year—be sure you have it.

Tr. Pkt.....60c ¼ oz.....\$1.50 Oz.....\$5.00

Cosmos Fiesta



RECENT INTRODUCTIONS

NEW CARNATION CUTTINGS FOR 1952

HARVEST MOON (Hill)

Disseminated by Joseph H. Hill Company, Richmond, Indiana beginning January, 1953. Restricted for 3 years. The name is very descriptive of the color, which is light orange-yellow. It is uniform in color across the flower, and throughout the year. It is a typical Sim variety except for color. [All orders will be filled in the rotation they are received.] \$150.00 per M—Minimum order 500.

JANIE (Baur-Steinkamp)

An excellent new salmon pink, a little lighter than Netta and larger. Janie was awarded the Dorner Memorial Medal (the highest award given a new variety) by the American Carnation Society at Dayton in 1951. The production and growth are good and there is every reason to believe that it will be the most widely grown salmon pink within a short time. Sold under a three year growers agreement: \$22.00 per 100, \$180.00 per 1000.

EXCELLENCE (Baur-Steinkamp)

The largest carnation we know of. The color is a medium salmon pink and the flowers are full and well formed. They reach a diameter of five inches regularly. Production is good considering the size and quality which command premium prices. Excellence was scored 89 points by the American Carnation Society at Dayton in 1951. Sold under a three year growers agreement. \$25.00 per 100, \$200.00 per 1000.

MOHAWK (Baur-Steinkamp)

Yellow variegated with pink stripes, brighter than Chief Kokomo. This is the finest variety in this color class that we have seen. The flowers are top quality and the production good. Mohawk will be a standard in all carnation plantings. Sold under a three year growers agreement. \$22.00 per 100, \$180.00 per 1000.

TOPPER (Baur-Steinkamp)

Rich velvety maroon, a shade deeper than Seth Parker. The flowers are full and well formed, long rigid stems. Scored 87 points by the American Carnation Society at Dayton 1951. A read good commercial crimson. Sold under a three year agreement. \$22.00 per 100, \$180.00 per 1000.

CRIMSON SPHYNX (Baur-Steinkamp)

A good bright crimson sport of our recently novelty introduction. The flowers are full and well formed. Production is very heavy. No restrictions. \$20.00 per 100, \$150.00 per 1000.

BING CROSBY (Catron)

New, parentage, cross of Orange Wonder and Puritan. Color, creamy yellow with rose pink feather edge, occasionally blotched with same color. Size, 3½ to 4" with high center. Good producer. Heavy stem and good stem length. Clear foliage. Very good keeper. Very little splits. Disseminated beginning December 1951 under three year grower agreement. \$20.00 per 100, \$150.00 per 1000.

SPICY ROSE (Sim)

A beautiful shade of vivid rose pink. A color lighter than that of Sidney Littlefield, but deeper and much brighter than that of Virginia Rose. A lively and appealing color. The flower is medium large, and of very attractive form. Plants are strong and prolific. Stems are long. Splitting is very slight. Keeping quality is good. Unrestricted.

\$20.00 per 100

\$150.00 per 1000

BUTTERSCOTCH (Sim)

Yellow-buff with slight pink tinting, but no lines or flaking, in center. Large, strong, prolific plants. Long stiff stem at all times. The first flowers are very large and full. Splitting occurs in the autumn, but is negligible after that. The size decreases during the winter, and the color is lighter, but the flower is still of good size, and the almost clear buff shade is attractive. It keeps splendidly. Is best grown in a warm location with all the light possible.

\$20.00 per 100

\$150.00 per 1000

BABY BRONZE (Sim)

Yellow or bronzy-buff with slight pink tinting, but no line or flaking, in the center, giving the bronzy appearance. The first flowers are almost clear buff, the tinting appearing in late autumn and continuing throughout the season. The flower is medium to small, but full and of beautiful form. The size remains uniform through the season. The stems are long and strong at all times. Plants are vigorous, and this is one of the most prolific varieties grown. There is no splitting. It is an excellent variety for corsages, boutonnieres and small floral arrangements. It keeps perfectly.

\$20.00 per 100

\$150.00 per 1000

RASPBERRY ICE (Sim)

White petals almost completely overlaid with pale orchid or lavender, the color closely resembling that of raspberry sherbet. The color is much lighter and softer than that of Pelargonium, and blends nicely in floral arrangements. It is a very attractive and popular variety. The flowers are medium large and of attractive form. Plants are bushy and prolific. Stems are long. Keeping quality is good. There is no splitting.

\$20.00 per 100

\$150.00 per 1000

RED BEAUTY (Sim)

A scarlet, very similar in color, form and size to Wm. Sim. The stems are long and are stronger than those of Wm. Sim. The plants are large, but not grassy. Production is good. There is very little splitting; probably less than with Wm. Sim. Keeping quality is excellent.

\$20.00 per 100

\$150.00 per 1000

YODER BROTHERS

WHITE

Jupiter. A large, strong-stemmed white.

Aurora. Another exceptionally large, white flower.

Adonis. A winter white. Satisfactory flower quality and good production.

PINK

Apollo. An outstanding salmon-pink. Should become the foremost salmon-pink variety grown.

Aphrodite. A clear light pink.

Diana. Light pink; a good producer.

Venus. A show variety, extra-large, beautiful, long-stemmed, salmon-pink flower.

ROSE

Minerva. An unusual deep scarlet-pink. Heavy break-back; fine keeper.

RED-SCARLET

Ceres. Beautiful King Cardinal color. Exceptionally high production. 1952. Early.

Neptune. Scarlet. A free breaker, fine stretch.

MAROON

Vulcan. A fine flower. Best maroon.

YELLOW

Midas. A good yellow.

VARIEGATED

Orion. Color resembles that of Growing Ember.

Saturn. A warm bronze variegated.

SPECIAL COLLECTION

Collection No. 1. 50 cuttings each of 14 Yoder varieties	\$126.00
Collection No. 2. 100 cuttings each of 14 Yoder varieties	\$239.40

PRICES

	Per 100	Per 1000
50 of a variety.....	\$18.00	500- 950 of a variety....\$15.30
100-250 of a variety.....	17.10	1000-2450 of a variety.... 14.40
300-450 of a variety.....	16.20	2500-up of a variety..... 13.50
Quantity prices apply to any one variety, only.		



Acroclinium—Sensation Giants

Alyssum—Little Gem

Arctotis—Grandis

Annuals

FOR THE GREENHOUSE AND FOR OUTDOOR CULTURE

ACROCLINIUM (Everlasting)

Sensation Giants Double. Rose to light pink shades. One of the finest strains with large flowers and longer stems. Excellent cut flowers. Cut before flowers are fully opened and dried, they are for winter bouquets.

Tr. Pkt.....15c ¼ oz.....35c Oz.....\$1.00

AGATHEA

Coelestis (Blue Daisy). Sky blue. Free flowering. Fine for cutting. 30 in.

Tr. Pkt.....30c ¼ oz.....65c Oz.....\$1.90

AGERATUM

	Tr. Pkt.	Oz.
Blue Perfection. Dark blue bedder. 8 in.....(¼ oz., 50c)	25c	\$1.65
Blue Bedder. Flowers lavender-blue, borne on uniformly compact plants. 4 in.....(¼ oz., \$1.55)	40c	5.00
Blue Ball Improved. Dark Blue. Compact, ball-shaped plants. 6 in. ....(¼ oz., \$1.00)	40c	3.50
Blue Cap. Light blue flowers. Dwarf, compact. 4 in. ....(¼ oz., \$1.00)	40c	3.50
Fairy Pink. A dwarf, compact Ageratum of delightful soft salmon rose. 10 inches.....(¼ oz., \$1.60)	50c	5.00
Midget Blue. Very low, compact plants covered with small true azure blue flowers. 3 to 4 in. (¼ oz., \$1.65)	40c	5.75

ALYSSUM

Carpet of Snow (Snow Cloth). Spreading to dense plants covered with masses of white flowers 3 to 4 inches .....(¼ lb., \$3.75)	20c	\$1.00
A. B. C. Special "Little Gem." White. 4 to 6 inches. ....(¼ lb., \$3.75)	20c	1.00
Violet Queen. Dwarf compact habit, free flowering with sweet scented flowers. Rich violet color. (¼ lb., \$4.50)	25c	1.25
Maritimum (Sweet Alyssum). White. Used for cut flowers. 10 in. ....(¼ lb., \$1.45)	15c	40c
Snowdrift (Maritimum Tetraploid). New. White, 12 in. Fine for cutting .....(¼ oz., 90c)	40c	2.80

AMARANTHUS

	Tr. Pkt.	Oz.
Molten Fire. Brilliant poinsettia-like tips. 4 ft. (¼ oz., 40c)	15c	\$1.35
Salicifolius (Fountain Plant). Dark red with bronze tops blood red. 3 ft.....(¼ oz., 40c)	15c	1.25
Tricolor Splendens (Joseph's Coat). Yellow, red and green with showy heads. 3 ft.....(¼ oz., 40c)	15c	1.25

AMARYLLIS

Diener's Mammoth Hybrids. Growers should find much of interest in Amaryllis culture from seed and we believe a most favorable surprise from the above named strain is in store for the producer when flowering period arrives. (Seed supplied in Diener's original packets.)

20 seeds.....50c 100 seeds.....\$1.75

ANCHUSA

Capensis Blue Bird. Indigo blue. 2 ft. Tr. Pkt.....15c Oz.....80c

ANTIRRHINUM

(See Snapdragon) Pages 29-30

ARCTOTIS

Grandis. Excellent for cutting. Daisy-like flowers on long stems, upper surface pure white, reverse side of petals lilac-blue. About 3 ft. Tr. Pkt.....20c ¼ oz.....45c Oz.....\$1.20

Large Flowered Hybrids. Showy daisy-like flowers. 2½ to 3 inches across. A fine mixture of bright unusual shades. Tr. Pkt.....40c ¼ oz.....\$1.10 Oz.....\$3.65

ASPARAGUS

PLUMOSUS NANUS

Lacy foliage with finely divided bright green leaves. An old stand-by with florists for bouquets and arrangements.

SPRENGERI

A trailing ornamental plant with needle-like leaves. Commonly used in hanging baskets, cemetery urns and window boxes.

100 seeds.....30c 250 seeds.....\$.70
1,000 seeds....\$2.50 5,000 seeds....\$10.00 10,000 seeds... 18.50



Aster Queen of the Market
New Ballet Mixed



Aster Royal White

Aster Princess Mixed



✓ Varieties most generally
preferred for cutting.

Asters for

WILT RESISTANT STRAINS

QUEEN OF THE MARKET

A very popular early flowering type. Branching freely near the ground, about 20" tall. Produces nearly round fully double blooms in early August.

- | | |
|---------------------------|-----------------|
| ✓ Azure Blue | Rose. Soft Rose |
| ✓ Ballet Queen. Sal. Rose | Scarlet |
| Crimson | ✓ White |
| Dark Blue | Finest Mixed |
| Flesh Pink | ✓ Ballet Mixed |
- Tr. Pkt....35c ¼ oz....65c Oz....2.00

ROYAL

Blooms in mid-August directly following the Queen of the Market. Plants are 2 to 2½ ft. and branching. Responds well to additional light.

- | | |
|---------------|--------------|
| ✓ Azure Blue | ✓ Shell Pink |
| ✓ Deep Rose | White |
| Peach Blossom | Finest Mixed |
| Purple | |
- Tr. Pkt..35c ¼ oz....65c Oz....\$2.00

EARLY GIANT

Blooms just after the Royal type in early September. Plants 1½ ft. with long heavy stems produce large fluffy Crego type flowers.

- | | |
|---------------|-------------------------|
| ✓ Light Blue | ✓ Rose Marie. Rich Rose |
| Peach Blossom | Finest Mixed |
- Tr. Pkt....50c ¼ oz....90c Oz....\$2.80

EARLY BEAUTY (American Beauty)

Flowers are globular and fully double with incurved petals. Plants 2 to 2½ ft. Blooms from mid-September to frost. Outstanding for long stems and excellent keeping qualities.

- | | |
|-----------------------|-------------------|
| Azure Fairy. Az. blue | September Beauty. |
| Crimson | Shell pink |
| ✓ Deep Rose | ✓ White |
| Purple | Finest Mixed |
- Tr. Pkt....40c ¼ oz....80c Oz....\$2.20

AMERICAN BRANCHING

One of the most popular in the mid-season to late class. Commencing to bloom in early September. Plants grow 2½ to 3 ft. tall. Flowers are large. Responds well to additional light.

- | | |
|---------------|------------------------|
| ✓ Azure Blue | Simple Pink. Shell pk. |
| Crimson | Sensation. Scarlet |
| Peach Blossom | ✓ White |
| Purple | Finest Mixed |
| Rose | |
- Tr. Pkt....35c ¼ oz....65c Oz....\$2.00

BALL BRANCHING

- ✓ **Shell Pink (Ball)**—(New). Long stems. Blooms Aug. 20th. Needs very little disbudding.
Tr. Pkt....\$1.50 ¼ oz....\$2.50 Oz....\$7.50
- Deep Purple.** Outstanding color. Blooms late August to early September.
- ✓ **Deep Rose.** Attractive bright rose. Blooms about mid-August.
- ✓ **White (Early).** Blooms late August to early September.
- Tr. Pkt....40c ¼ oz....70c Oz....\$2.00

PRINCESS

The 3" cushion type flowers produced on long wiry stems are good shippers and remain fully double when many other types show open centers. All are highly wilt resistant. Plants are of tall and branching habit coming into bloom in late August.

- Anne**—Peach blossom
Barbara—Orchid
Bonnie—Soft salmon pink
Elizabeth—Pure white
Golden Sheaf—A yellow self
Linda—Clear light rose
Margaret—True rose
Marsha—Cinnabar scarlet
Pat—(New) Crimson
Susan—True blue
Finest Mixed

Tr. Pkt....40c ¼ oz....90c Oz....\$2.80

CREGO IMPROVED

Plants are robust, branching, about 2½ ft. The large flowers have long ribbon-like, curled and twisted petals giving them a fluffy appearance. Blooms early September on. Responds well to additional light.

- | | |
|-----------------------|--------------|
| Azure Blue | Peachblossom |
| Blue Flame. Navy blue | Purple |
| Crimson | Shell Pink |
| Deep Rose | White |
| Orchid (Cattleya) | Finest Mixed |

Tr. Pkt....35c ¼ oz....65c Oz....\$2.00

GIANT MAMMOTH PEONY FLOWERED

Immense fully double flowers resembling the Beauty type are borne on long, stout non-lateral stems. Blooms in late summer with the Giants of California.

- Silvery Rose**
- Tr. Pkt....40c ¼ oz....90c Oz....\$2.70

HEART OF FRANCE

The rich, dark red color is the distinctive feature of this variety. Medium-sized flowers are produced on branching plants 1½ to 2 ft. high in early September.

Tr. Pkt....35c ¼ oz....75c Oz....\$2.20

SINGLE CHINENSIS

Single daisy-like flowers, plants 1½ to 2 ft. Blooms in late August.

- Rainbow Mixture. Florist strain.**
- Tr. Pkt....35c ¼ oz....60c Oz....\$1.60

NON-RESISTANT STRAINS

At present these cannot be made resistant without sacrificing the huge flower size or the exquisite flower form.

IMP. GIANTS OF CALIFORNIA

Very large, full flowers with broad curled and interlaced petals are borne on heavy non-lateral stems. Plants reach 3 ft., blooming from late summer to frost.

Azure Blue	Purple
Deep Rose	White
Peach Blossom	Finest Mixed
Tr. Pkt....45c	1/4 oz....90c Oz....\$2.70

SUPER GIANT

The largest, most fully double Aster class. Flowers have gracefully interlaced full petals. Six to eight long, non-lateral stems on 2 1/2 ft. plants.

El Monte—Crimson
Los Angeles—Shell-pink
Santa Maria (Macdonald)—Pure white
Tr. Pkt....40c 1/4 oz....90c Oz....\$2.70

REMO (Imported)

Plants grow taller than the Kirkwell. Flowers have attractive yellow centers surrounded by numerous petals. Cut the entire plant.

Dark Blue	Light Blue
Dark Red	Light Rose
Deep Rose	Creamy White
Mixed Colors	
Tr. Pkt....40c	1/4 oz....90c Oz....\$2.90

KING BRANCHING

Flowers have twisted long petals. Excellent for cutting. A good shipper. Blooms in mid-September.

Lavender	Violet
Rose	White
Shell Pink	Mixed
Tr. Pkt....35c	1/4 oz....70c Oz....\$2.00
Peach Blossom (New)	Salmon (New)
Tr. Pkt....40c	1/4 oz....90c Oz....\$2.70

CALIFORNIA GIANT SUNSHINE

A large flowered Anemone type composed of a single row of outer petals contrasting with a yellow quilled center. Blooms early to mid-September.

Finest Mixed
Tr. Pkt....35c 1/4 oz....80c Oz....\$2.90

IMBRICATED POMPON

Compact plants about 15 inches high bear small, round pompon flowers having a few rows of short broad outer petals and attractively quilled center petals. Excellent for pots and bedding.

Mixed
Tr. Pkt....35c 1/4 oz....85c Oz....\$2.40

SPECIAL ASTERS FOR POTS

Sow seed in January in flats and prick off into pots or plant bands. Later shift to larger pots. Additional light on seedlings for up to a month hastens flowering. Should flower for Mother's Day.

KIRKWELL (Imported) (Wilt Resistant)

Plants are base branching dwarf and compact. They produce up to 40 flowers which average 2 inches across and are fully double. They make excellent pot plants for Mother's Day and used for bedding will bloom from early August till frost. 1 ft.

Crimson	Light Pink
Deep Blue	Salmon Pink
Deep Rose	Mixed Colors
Tr. Pkt....50c	1/4 oz....\$1.70 Oz....\$5.00

LITTLE GIANTS (Macdonald) (Wilt Resistant)

Masses of blooms of feathery Crego type averaging 4 inches across, are produced at one time. Plants make perfect mounds 12 inches high. Early flowering. Ideal for borders and bedding. Suitable for pots.

Azure Fairy. Lavender
Rosamond. Soft rose
White Mound. Pure white
Finest Mixed
Tr. Pkt....50c 1/4 oz....\$1.00 Oz....\$3.30

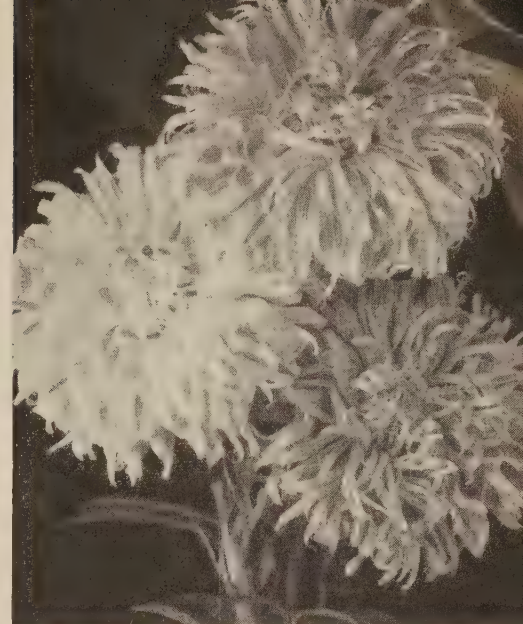
FOR BETTER ASTERS

In addition to using the best wilt resistant strains:

Set your plants in soil which has not had a crop of Asters on it recently or sterilize the soil.

Put your outside plantings in a cloth house to prevent leaf hoppers from bringing in Aster Yellows.

Avoid checking plant growth. Grow your seedlings in plant bands to prevent root injury in transplanting. See page 87.



Aster Improved Giants of California



Aster California Giant Sunshine Mixed

Aster Remo



Begonias FIBROUS ROOTED**LEADING LADY—NEW BEGONIA FROM GERMANY****DARK SHADES**—Rose pink to carmine.

Plants are perpetual bloomers and have excellent compact, low branching habit with attractive dark green foliage.

Extensive growers tests by leading pot plant growers last year brought us scores of letters of approval and requests for more seed. Typical of the comments was the following from Robert Craig Company, Inc., Norwood, Pa., "They are the best of any Begonias grown from seed

that we have ever seen. We would like you to send us sufficient seed for 5000 plants."

Be sure to make a sowing of this sensational new Begonia very soon. We have a limited quantity of seed available in Dark Shades. Greenhouse grown seed.

Trade Packet.\$5.00

GRACILIS

Especially adapted to pot culture because of their small foliage.

DWARF

Adeline. (Imp. Darling). Bright pink flowers, dwarf, compact habit and green foliage.

Tr. Pkt.\$1.30 1/64 oz.\$2.80

Ball Red. Bright scarlet red flowers. Fairly dwarf, uniform plant habit. Tendency to rot may be controlled by careful watering.

Tr. Pkt.\$1.50 1/64 oz.\$3.25 1/32 oz.\$6.00

Bois de Vaux Rose. Heavy blooming vivid rose; metallic green foliage with small red border. Compact, upright, pyramidal growth.

Tr. Pkt.\$1.00 1/64 oz.\$2.40

Luminosa Compacta. Brilliant scarlet. Very free flowering. About 5 inches tall. Tr. Pkt.\$1.25 1/64 oz.\$3.25

Pink Pearl. Dwarf, rich pink, one of the best for pot culture. Originators seed. Tr. Pkt.\$1.50

Red Pearl. Dwarf, brilliant dark scarlet. Originator's seed. Tr. Pkt.\$1.50

Snowbank. Large, pure white flowers. Compact, uniform plant habit. Tr. Pkt.\$1.25 1/64 oz.\$2.75 1/32 oz.\$5.00

MEDIUM

Carmen. Bright pink flowers with richly contrasting bronze foliage. Tr. Pkt.\$1.25 1/64 oz.\$2.40

Indian Maid. Bright deep scarlet flowers with deep bronze foliage. Tr. Pkt.\$1.25 1/64 oz.\$2.75

Luminosa. Deep scarlet with reddish-brown foliage. One of the best sellers. Tr. Pkt.\$1.25 1/64 oz.\$3.20

Prima Donna. Medium rose shading to carmine. Very excellent variety. Tr. Pkt.\$1.25 1/64 oz.\$2.30

Radio. Fine carmine-scarlet. Tr. Pkt.\$1.00 1/64 oz.\$2.00

White Pearl. Pure white, large flowers, green foliage. Tr. Pkt.\$1.25 1/64 oz.\$2.70

BEGONIAS TUBEROUS ROOTED

Double Mixed. Tr. Pkt.\$2.75

SEMPERFLORENS

Characterized by large foliage. Excellent for bedding or large pots.

DWARF

Glow. (Improved Fire Sea). Dark red, bronze foliage. Tr. Pkt.\$1.25

King of the Reds. Glowing, bright red flowers borne on compact plants makes it outstanding.

Tr. Pkt.\$1.20 1/64 oz.\$2.75 1/32 oz.\$5.00

Tausendschon. (New.) Dwarf. Bright pink; closely resembles Adeline and Pink Pearl in habit. Originator's seed. Tr. Pkt.\$1.50

MEDIUM

Scandinavia. A very free flowering type with bushy habit which makes it ideal for pot plants as well as bedding and for use in combinations.

	Red	Pink	White	Mixed
Tr. Pkt.	\$1.25	1/64 oz.	\$3.00	

Snow. Pure white medium-size flowers show up well against the rosy stems and light green leaves. About 10 inches high.

Tr. Pkt.\$1.25 1/64 oz.\$2.25

TALL

A. B. C. Masterpiece. A lovely clear rose-pink Begonia, and the most outstanding in this color class. The large-size blooms are produced so abundantly that the foliage is really overshadowed.

Tr. Pkt.\$1.25 1/64 oz.\$2.50 1/32 oz.\$4.40

Christmas Cheer. Extra large flowered crimson-scarlet. Tr. Pkt.\$1.25 1/64 oz.\$2.00 1/32 oz.\$3.50

Christmas Pink. This variety is of same habit as Christmas Cheer. Tr. Pkt.\$1.00 1/64 oz.\$2.25

Isle de France. Our best selling white. Large white flowers are produced on compact plants of medium height. Foliage light green. Tr. Pkt.\$1.00 1/64 oz.\$2.25

A.B.C. Mixed. Choice blend of all varieties. Tr. Pkt.\$1.00 1/64 oz.\$1.75 1/32 oz.\$3.00 1/16 oz.\$5.00

BEGONIA REX (Benary)

(New). Fine hybrid mixture of these richly-colored ornamental-leaved begonias. Originator's pkt. Tr. Pkt.\$2.00

BACHELOR BUTTONS

(See *Centaurea Cyanus*) Page 13

BALSAM (Lady Slipper)

BUSH FLOWERING. Double flowers are borne well above the foliage making them conspicuous and very showy.

Finest Mixed. Tr. Pkt.35c 1/4 oz.65c Oz.\$2.25

CAMELLIA-FLOWERED. One of the showiest flowers, our strain has been selected especially for its doubleness and wide range of colors.

Finest Mixed. Tr. Pkt.20c 1/4 oz.40c Oz.\$1.10

BLUE LACE FLOWER

(See *Didiscus Coeruleus*) Page 16

BRACHYCOME (Swan River Daisy)

IBERIDIFOLIA. A free blooming annual with small flowers.

Mixed Colors. Tr. Pkt.25c 1/2 oz.85c Oz.\$1.50

BROWALLIA

Suitable for pot plants, bedding and border work. For outdoor use sow February or later, shift in pots, plant out in May. Plants bloom all summer.

Speciosa Major. Brilliant deep blue. Tr. Pkt.\$1.00 1/16 oz.\$2.10

Viscosa Compacta Sapphire. Excellent pot plant. Compact grower. Dark blue flowers with white eyes.

Tr. Pkt.35c 1/16 oz.\$1.05 1/8 oz.\$1.85

CALCEOLARIA

Our seed is produced by the foremost specialists in the world.

Ruby Queen. Bright red, medium sized flowers on vigorous plants make this splendid hybrid an excellent pot plant.

Tr. Pkt.....\$1.25 1/128.....\$2.60

Hybrida Multiflora Nana Mixture. Dwarf, compact growth. Medium size brightly colored flowers. A great favorite with the trade.

Tr. Pkt.....\$1.00 1/64 oz.....\$4.40 1/32 oz.....\$8.00

Triumph Mixed. A special florists' selection. Medium dwarf in growth, producing an exceptional assortment of colors and shades. Highly recommended.

Tr. Pkt.....\$1.25 1/64 oz.....\$2.75 1/32 oz.....\$5.00

ABC Tigered Hybrids. Large, beautifully tigered flowers in shades of bronze, yellow and red. Dwarf, compact plants are very uniform.

Tr. Pkt.....\$1.00 1/64 oz.....\$2.50 1/32 oz.....\$4.50

Cloth of Gold. Golden yellow, medium large flowers. Very showy and free flowering.

Tr. Pkt.....\$1.10 1/64 oz.....\$2.60 1/32 oz.....\$4.80

Flower Cloud. Small flowers in shades of bronze, orange and yellow are borne, freely on large heads. Plants are bushy.

Tr. Pkt.....\$1.50 1/128 oz.....\$3.50

CALLIOPSIS (Tickseed)

A very free flowering annual which will bloom till frost if the old flowers are removed frequently.

Tr. Pkt.....25c Oz.....90c

Gold Crest. Large, golden yellow, semi-double flowers with a reddish brown zone. 18 in.

Tr. Pkt.....25c Oz.....90c

Golden Crown. Rich golden yellow, with a shining maroon central zone. 2 ft.

Tall All Double Mixed. Semi-double and double flowers are produced on long, graceful stems. 3 ft.

Tr. Pkt.....20c Oz.....70c

Dwarf Mixed. Showy, compact plants which are ideal for bedding. 9 to 12 in. Tr. Pkt.....15c Oz.....50c

PERENNIAL CALLIOPSIS (See Coreopsis) Page 36

CAMPANULA (Annual Canterbury Bells)

Plants grow from two to two and a half feet tall, each plant having from six to eight spikes of blooms. Seed planted in February blooms in July.

Choice Mixed. Contains dark blue, light blue, pink, rose and white.

Tr. Pkt.....20c 1/4 oz.....35c Oz.....95c

CANARY BIRD VINE

Tropaeolum Canariense. Flowers bright canary yellow.

Tr. Pkt.20c

CALENDULA

PACIFIC BEAUTY

A new type of Calendula with uniformly large flowers of better formation, longer and straighter stems, more clear colors and more resistant to mid-summer heat than the other out-door varieties. Especially fine for cutting and also good for bedding.

Tr. Pkt.....40c 1/4 oz.....60c 1 oz.....\$1.60

Apricot Beauty. Attractive two-toned apricot.

Cream Beauty. Creamy-white shading to soft light yellow.

Lemon Beauty. Pure lemon yellow, wide graceful petals.

Persimmon Beauty. Brilliant true persimmon, orange.

Pacific Beauty Mixed. A blend of the above varieties.

FORCING VARIETIES

Plan for the main crop to come in late December and January. For this crop seed is usually sown late in July in northern greenhouses. An early fall sowing will provide a fine crop in February and March.

A. B. C. Improved Sensation (Campfire). One of the best Calendulas for cut-flower purposes. Flowers very large, deep orange with scarlet sheen, light center.

Apricot. Rich apricot or straw color with a finely contrasting brown center. Inclined to occasionally produce orange petals with the apricot.

Gold. Deep golden yellow, long-stemmed and large flower with light center. Stem, size, and color in this are outstanding.

Improved Long Orange. The largest flowered and longest stemmed Calendula. Clear bright orange with light eye.

Lemon Queen. Clear medium deep yellow with a dark brown center.

Masterpiece. Clear rich orange with an attractively contrasting dark brown center. Extra long stems.

Tr. Pkt.....40c 1/4 oz.....70c Oz.....\$2.20

ABC Special Forcing Mixed.

Tr. Pkt.....40c 1/4 oz.....60c Oz.....\$1.60

BEDDING VARIETIES

Chrysantha or Sunshine. Clear buttercup yellow, petals long, broad and drooping.

Improved Orange Shaggy. Deep orange, lighter center, petals long and deeply fringed.

Lemon Queen. Light.

Tr. Pkt.....20c 1/4 oz.....35c 1 oz.....95c

BEDDING VARIETIES (Continued)

Orange King. Rich orange-red, dark center.

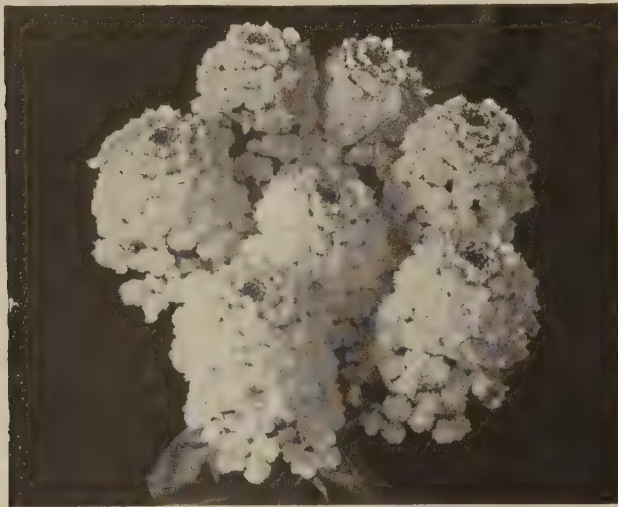
Radio. Bright orange with quilled petal.

ABC Bedding Mixture. A fine blend of bedding varieties.

Tr. Pkt.....20c 1/4 oz.....35c 1 oz.....95c



Calendula A. B. C. Improved Sensation

**Candytuft ABC Giant White****CANDYTUFT****HYACINTH FLOWERED**

A. B. C. Giant White. Our select strain provides excellent cut flowers under glass. A January sowing makes Mother's Day nicely.

Tr. Pkt. 20c Oz. 85c ¼ lb. \$2.65 Lb. \$8.00

UMBELLATA

Dwarf bushy plants 1 foot tall.

Carmine	Lavender or Lilac	Rose Cardinal
Crimson	Flesh Pink	White
Finest Mixed.	Tr. Pkt. 20c	1 oz. 60c 4 oz. \$1.70

PERENNIAL CANDYTUFT (See *Iberis* Page 38)

CARDINAL CLIMBER

Hybrids. Rapid growing annual climber, producing a profusion of brilliant cardinal red flowers. To hasten germination file or cut notch in seed.

Tr. Pkt. 25c ¼ oz. 60c Oz. \$2.00

CARNATION

A. B. C. Giant Perpetual Flowering Mixture. This gold medal hybrid mixture may be grown outdoors during the summer, if disbudded. Strongly clove scented.

Tr. Pkt. 40c ¼ oz. \$1.00

Enfant de Nice. Preferred by many. Color comes about 75% true from seed and about 90% of plants come double.

Red	Scarlet	Rose	Pale Pink	Salmon	White	Striped	Mixed
Tr. Pkt. 50c	¼ oz. \$2.15						

Chabaud's Giant Improved Strain.

Cardinal Red	Deep Rose	Flesh	Rose Pink	White	Mixed
Tr. Pkt. 40c	¼ oz. \$1.00				

Marguerite (Special Double Mixed). Very early flowering, giving an abundance of bloom within five months from planting. The flowers are very fragrant, on good stems and 16 to 20-inch plants.

Tr. Pkt. 30c ¼ oz. 70c Oz. \$2.40

CASTOR BEAN (See *Ricinus*) Page 28**CELOSIA**

A showy easily grown annual which thrives on most any soil. When the flowers are dried they last a long time. We offer a wide range of flower form in the best strains.

CHILDSII (Chinese Woolflower)

Childsii. Well branched plants, have distinctive round wooly flower heads, 3 ft.

Crimson	Rose	Yellow	Mixed
Tr. Pkt. 25c	¼ oz. 50c	Oz. \$1.75	

CELOSIA (Continued)**CRISTATA (Cockscomb)**

These do best on light soil which has had no commercial fertilizer for at least a year.

DWARF. Excellent for pots and bedding.

Empress. Bright red; dark foliage.

Glasgow Prize. (Pres. Thiers). Dark crimson; green foliage.

Finest Mixed. All colors with dark and light foliage.

Tr. Pkt. 30c ¼ oz. 70c Oz. \$2.40

TALL. Fine cut flowers, may be dried.

Royal Velvet. Rich carmine-crimson. Early blooming, foliage is bronzy green with reddish margins.

Tr. Pkt. 25c ¼ oz. 80c Oz. \$3.00

Crimson.

Tr. Pkt. 25c ¼ oz. 50c Oz. \$1.75

Mixed.

Tr. Pkt. 20c ¼ oz. 30c Oz. \$1.00

GILBERT'S STRAIN

Ideal for florist work from corsages to sprays and baskets; also for the home gardens and park bedding purposes.

Harlequin. When small, the flowers are pink tipped gold turning to salmon, then to a bright shell pink when fully developed. Bushy uniform plants with bright green foliage, 18 inches.

Originator's seed. Tr. Pkt. (300 seeds) 75c

Green Gold. Sparkling silver tipped with light rose touched with gold. Splendid in bouquet work, dries well and takes dye perfectly. 2 ft.

Maple Gold. Color varies from light to dark pink, tipped with pure gold. An excellent cut flower. 2½ to 3 ft.

Rose Beauty. Very striking deep rose pink on a silver base. Non-branching unless pinched. Color keeps perfectly when flowers are used fresh or dried. 3 to 4 ft.

Gilbert's Strain Mixed.

Originator's Seed. Tr. Pkt. (300 seeds) 50c

PLUMOSA (Feathered Cockscomb)

Plants produce brilliant silky plumes and are very free flowering.

DWARF. Fine for bedding and pot plants.

Fire Feather. Rich fiery crimson. 12 inches.

Golden Feather. Deep yellow. 15 inches.

Tr. Pkt. 30c ¼ oz. 70c ¼ oz. \$1.30 1 oz. \$4.00

TALL. Excellent for cut flowers.

Crimson	Fiery Red	Scarlet	Yellow
----------------	------------------	----------------	---------------

Thompsoni Magnifica. The choicest mixture of the feathered varieties. 2 feet.

Tr. Pkt. 25c ¼ oz. 65c Oz. \$2.25

**Carnation Chabaud's Giant Improved**



Chrysanthemum Carinatum Rainbow Mixture

CENTAUREA

All except Dusty Miller may be used for greenhouse forcing. Sown in January and spaced 8 x 8 inches, they will produce valuable cut flowers for Mother's Day, and Memorial Day. They respond well to additional light. Grow cool. Fine cut flowers, can also be had from outdoor plantings.

CYANUS (Bachelor Button or Cornflower)

A. B. C. GIANT DOUBLE STRAIN. We offer an especially select florist strain with very large double flowers and intensified color.

Black Boy. Rich maroon.

Blue Boy. Double blue.

Pinkie. Deep pink.

Red Boy. Deep red.

Snow Man. White.

Special Mixed.

Tr. Pkt.	20c	Oz.	50c
4 oz.	\$1.50	Lb.	\$4.50

IMPERIALIS (Sweet Sultan)

Giant exquisitely fringed thistle-like flowers on long stems. Sweet scented.

Amaranth Red
Brilliant Rose

Deep Lavender
Delicate Lilac

White
Giant Mixed

Suaveolens (Yellow Sweet Sultan or Grecian Cornflower). Large, bright yellow flowers sweetly scented and a popular sort for cutting; lasting well.

Tr. Pkt.	20c	1/4 oz.	30c	Oz.	90c
---------------	-----	--------------	-----	----------	-----

DUSTY MILLER (White Leaved)

For borders, vases, blankets, etc.

Candidissima. Silver gray foliage. 6 inch.

Tr. Pkt.	50c	1/4 oz.	\$1.10	Oz.	\$3.60
---------------	-----	--------------	--------	----------	--------

Gymnocarpa. Fine, silvery foliage. 24 inch.

Tr. Pkt.	20c	Oz.	65c	4 oz.	\$2.30	Lb.	\$6.25
---------------	-----	----------	-----	------------	--------	----------	--------

Maritima Diamond Improved. (Cineraria).

Tr. Pkt.	20c	1/4 oz.	30c	Oz.	\$1.00
---------------	-----	--------------	-----	----------	--------

AMERICANA

Immense thistle-like blooms. Splendid for cutting. 3 ft.

Lilac

White

Tr. Pkt.	15c	Oz.	65c	4 oz.	\$2.00
---------------	-----	----------	-----	------------	--------

CHRYSANTHEMUM (Annual)

An excellent cut flower with great lasting qualities, if kept in water for 24 hours before shipping. Responds well to additional light.

CARINATUM

Northern Star. Giant white, yellow zone. Brown eye.

Tr. Pkt.	20c	Oz.	65c
---------------	-----	----------	-----

CHRYSANTHEMUM (Annual) (Continued)

CARINATUM (Continued)

Rainbow Mixture. A wide range of tones of purple, scarlet, orange, salmon, rose, yellow, white. All beautifully zoned round the dark discs with small yellow edges. 2 ft.

Tr. Pkt.	35c	1/4 oz.	70c	Oz.	\$2.20
---------------	-----	--------------	-----	----------	--------

CORONARIUM

Double Mixed. Button shaped, double blooms, 1 1/2 inches across, in white and shades of yellow. 18 inches.

Tr. Pkt.	15c	Oz.	60c
---------------	-----	----------	-----

INODORUM

Bridal Robe. Pure white and fully double with very fine foliage. 20 in. **Snowball.** Large ball-shaped, pure white, double flowers. Compact.

Tr. Pkt.	25c
---------------	-----

SEGETUM

Eastern Star. Light yellow. 18 in.

Single Mixed.

Tr. Pkt.	20c	Oz.	65c
---------------	-----	----------	-----

CINERARIA

For excellent flowering plants in January sow seed in June. A September sowing will flower March to April, use sterilized soil.

A. B. C. DE LUXE MIXTURE. A good all-around assortment containing select strains of Cremer's Prize and Siter's Rainbow.

Tr. Pkt.	\$1.00	1/64 oz.	\$2.50
1/32 oz.	\$3.75	1/16 oz.	\$7.25

CREMER'S IMPROVED PRIZE STRAIN. One of the best known florist strains. All quantities in originator's packets.

Tr. Pkt. (1,000 seeds).....	\$1.50	1/64 oz.....	\$2.25		
1/32 oz.....	\$4.00	1/16 oz.....	\$7.50	1/8 oz.....	\$14.00

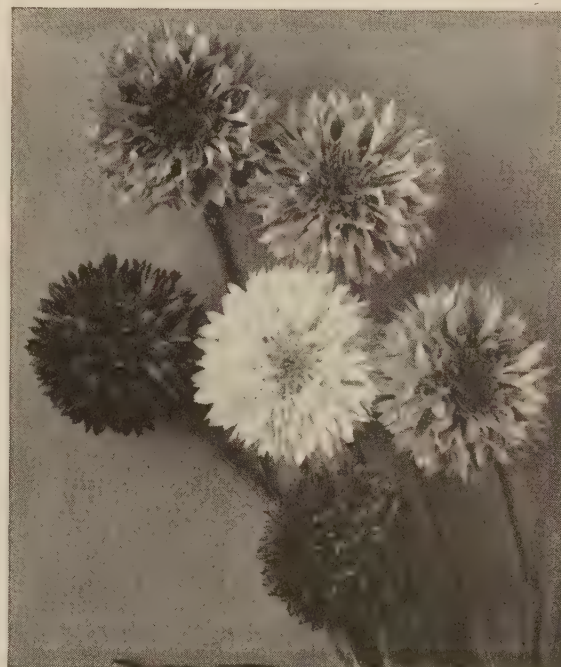
SITER'S HYBRIDS. New. A distinct improvement over the original Siter's strain. Supply Limited.

Seed for 500 plants. \$5.00 Seed for 1,000 plants. \$10.00

SITER'S RAINBOW STRAIN. Immense heads of medium large flowers ranging from bright-eyed types to pastel shades. Compact.

Tr. Pkt.	\$2.00	1/64 oz.	\$2.50
1/32 oz.	\$4.50	1/16 oz.	\$8.00

FOR OTHER VARIETIES PLEASE SEE NEXT PAGE



Centaurea Cyanus Double Mixed

**Cineraria ABC Prize Hybrid Grandiflora****CINERARIA—Continued**

"GOLD CENTER." Golden yellow stamens contrast with the bright petals to make this Multiflora Nana selection distinctively different. Tr. Pkt.\$1.00 1/64 oz.\$2.00 1/32 oz.\$3.50

MULTIFLORA NANA MIXED. A very dwarf, small flowered strain of exceptional merit. Tr. Pkt.\$1.00 1/32 oz.\$3.00

MULTIFLORA MAXIMA. Includes every desirable shade in pinks, reds, blues, in delicate pastel tints to solid bright shades and beautiful eyed types. Good medium size. Tr. Pkt.\$1.00

BERLIN MARKET MIXED. (Weissensee). A white-eyed strain with dwarf growth and medium flower head. Tr. Pkt.\$1.00 1/64 oz.\$1.75 1/32 oz.\$3.25

A. B. C. PRIZE HYBRIDA GRANDIFLORA. The world's best strain of the large flowering type.

Blue Shades	Crimson	Salmon Shades	Pure White
All above varieties: Tr. Pkt. ....\$1.00 1/64 oz. ....\$2.75			

Prize Mixture. Tr. Pkt.\$1.00 1/64 oz.\$2.50

MARITIMA DIAMOND (See Dusty Miller) Page 13.

CLARKIA**ELEGANS DOUBLE**

A very useful spring cut flower. For indoor culture sow in January. Grow in light soil in shallow benches or flats, spacing plants 8 x 10 inches. Water sparingly.

	Tr. Pkt.	1/4 oz.	Oz.
Alba. White	25c	35c	\$1.10
Brilliant. Bright carmine	25c	35c	1.10
Mayblossom. Deep rose	25c	35c	1.10
Orange King. Orange-scarlet	25c	35c	1.10
Salmon Queen. Rich salmon-pink	25c	35c	1.10
Scarlet Queen. Glowing scarlet	25c	35c	1.10
A. B. C. Special Mixed	25c	35c	1.10

CLEOME PUNGENS (Spider Plant)

Helen Campbell. New. Pure white sport of popular Pink Queen. Flowers in huge clusters are a little earlier than Pink Queen.

Tr. Pkt.50c 1/4 oz.\$1.15 Oz.\$3.50

Pink Queen. Color a refreshing pink, turning to white. Foliage of beautifully airy appearance.

Tr. Pkt.35c 1/4 oz.60c Oz.\$2.00

COBAEA SCANDENS (Cup and Saucer Vine)

Plant seeds edgewise to insure good germination.

Blue. Tr. Pkt.25c 1/4 oz.55c Oz.\$1.65

COCKSCOMB—(See Celosia) Page 12**COLEUS**

Brilliantly colored foliage plants for beds, borders, pots or edging. About 20 inches.

A. B. C. Rainbow Mixture. An excellent selection of highly colored types. Tr. Pkt.75c 1/16 oz.\$3.25

Glory Vichy. Good range of colors. Large leaves. Beautifully marked. Tr. Pkt.65c 1/16 oz.\$2.50

Exhibition Mixed. Tr. Pkt.\$1.00 1/16 oz.\$3.75

CORNFLOWER**(See Centaurea Cyanus) Page 13****COSMOS****SENSATION**

A very early giant flowering variety. Blooms are 4 to 6 inches across. Height, 6 feet.

	Tr. Pkt.	1/4 oz.	Oz.
Radiance. Most striking. Bi-colored flowers of deep rose with rich crimson zone.....	25c	55c	\$1.75
Dazzler. Excellent crimson	20c	50c	1.60
Pinkie. Beautiful pink	20c	40c	1.25
Purity. Pure white	20c	40c	1.25
Mixed	20c	40c	1.25

EXTRA EARLY DOUBLE CRESTED.

Finest Mixed 30c 60c 2.15

KLONDYKE

Fiesta. (New). All-American Selection. Gold striped scarlet. Semi-double. Tr. Pkt.60c

1/4 oz.\$1.50 Oz.\$5.00

Orange Ruffles. Semi-double. Vivid golden orange. Butterfly-like semi-double flowers. Tr. Pkt.15c

1/4 oz.35c Oz.\$1.00

Yellow Flare. Beautiful butter yellow. 3 to 4 ft. Very good bloomer. Tr. Pkt.15c 1/4 oz.35c Oz.\$1.00

CUPHEA (Cigar Plant)

Firefly. This is a semi-dwarf, compact growing annual about 10 to 12 inches in height with a spread of about 12 inches. Somewhat fluted in formation, a deep rosy scarlet color, deepening to almost purple at the center. The plants grow very readily from seed and flower in about five months.

Tr. Pkt.30c 1/8 oz.75c 1/4 oz.\$1.25

**Cleome Helen Campbell**



Eveleens'

Cyclamen



We are pleased to distribute in America Eveleens' world-famous Cyclamen Seed, winner of nineteen medals and awards for top excellence throughout Europe. This strain meets A. B. C.'s requirements of "Supreme Quality."

Eveleens' seed is produced on selected plants similar to the one pictured with special attention to quality and uniformity. The continued orders and high praise of the most critical growers confirm our belief that this strain is tops.

	Per 100	Per 1000
Bonfire (Vuurbaak) Brilliant Salmon-scarlet	\$2.50	\$22.00
Carmine Salmoneum , Fiery salmon	2.50	22.00
Cattleya , Lilac	1.90	17.50
Dark Red	1.90	17.50
Glowing Bright Red	1.90	17.50
Light Red	1.90	17.50
Perle of Zehlendorf (Glory of Wandsbek) Dark salmon pink	2.30	19.50

	Per 100	Per 1000
Pure White	\$1.90	\$17.50
Rose of Aalsmeer , Bright deep rose	1.90	17.50
Rose of Marienthal , Soft rose with carmine eye	1.90	17.50
Rose of Zehlendorf , Light salmon pink	2.30	19.50
Roseum , Lilac pink	2.20	19.00
Salmoneum Oculatum , Pale pink with carmine eye	2.20	19.00
Sylphide , Soft lilac	2.20	19.00

	Per 100	Per 1000
White with carmine eye	\$1.90	\$17.50
Rococo Grandiflora , Bright mixture	2.30	19.50
Mixed	1.80	16.00

SPECIAL QUANTITY DISCOUNTS

On EVELEEN'S' seed only we can offer the following SPECIAL DISCOUNTS. See 5% on orders for 10,000 to 25,000 seeds; less 10% on over 25,000 seeds.

OTHER IMPORTED STRAINS

	Per 100	Per 1000
Baardse's Wonder , Salmon with white border	\$2.40	\$21.00
Daybreak , Light salmon-rose	2.40	19.50
Lavender	1.90	17.50
Mozart , Deep pink	2.50	22.00
Orange Beauty , Orange-vermillion	2.30	21.00
Pink Pearl , Salmon-pink	2.50	22.00
Ruffled Salmon	2.50	22.00
Saffron Red	2.50	22.00
America Improved , Salmon scarlet	2.50	22.00
White Victoria , Tipped red with fringed border	2.50	22.00
Ruffled Mixed	2.50	22.00
Mixed	1.80	16.00

VOGT'S

Double-Flowered Cyclamen

The huge double flowers composed of 10 to 16 petals are very showy and are borne well above beautiful foliage. Excellent for pot plants. Try using double cyclamen blooms for unusual corsages.

Admiration, Salmon-rose with shaded eye.

Rosea, Soft rose with coral cast.

Cerise Brilliant, Rich cerise-red.

Prosperity, Flaming rich rose.

Vogt's Special Mixed.

100 seeds

250 seeds

500 seeds

1,000 seeds

250 of a Variety at 1,000 Rate. The above prices on Cyclamen are net.

CYNOGLOSSUM (Chinese Forget-Me-Not)

AMABLE

Tr. Pkt. ¼ oz. Oz.

An exceptional cut flower for under glass or outside.

Blue Bird, Improved strain

Firmament, Bright blue flowers, Dwarf bushy plants, 15 in. Fine for bedding

CYPERUS (Umbrella Plant)

Alternifolius

DAISY

Tahoka Daisy, Lilac-blue flowers with narrow, painted petals and golden yellow center. Fern-like foliage, 18 inches

30c 85c \$2.50

DAHLIA

DWARF

Easily grown from seed and will bloom the first year when sown early. Many new colors and forms may be obtained from seed.

Improved Unwin Dwarf Hybrid, Early flowering semi-double flowers in a varied assortment of colors. Our special strain produces bushy plants which are exceptional for pot plants or bedding.

Tr. Pkt. 30c ¼ oz. 85c Oz. \$2.50 4 oz. \$7.50

**Dianthus Gaiety****DAHLIA (Continued)****DWARF**

Coltness Hybrids. Single type; very free-flowering, height 2 feet. Choice mixed colors.

Tr. Pkt.....30c ¼ oz.....60c Oz.....\$1.70

Mignon Mixed. Nicely rounded single flowers in a wide range of colors including some bicolor and striped.

Tr. Pkt.....35c ¼ oz.....70c Oz.....\$2.20

TALL. 3 to 5 ft.

Double Cactus Mixed. A select strain of double and semi-double cactus-flowered blooms in many colors.

Tr. Pkt.....50c ¼ oz.....\$1.85 Oz.....\$7.20

Double Large Flowering. Mixed, from named varieties.

Tr. Pkt.....60c ¼ oz.....\$1.90 Oz.....\$7.20

Pompon Mixed. The smallest of all dahlias. Flowers are ball-shaped in a wide range of color on rather compact plants, 3 ft.

Tr. Pkt.....50c ¼ oz.....\$1.85 Oz.....\$7.00

DIANTHUS

Brilliantly colored, sweet scented blooms in a variety of flower forms. Very useful in beds, borders, rock gardens, edging and cut flowers. Flowers are produced freely from July until frost.

TETRA HEDDENSIS

This new class combines the large open flowers of *D. Heddewigii* with the rugged growth and long stems of *D. Chinensis*. More tolerant of extreme temperatures.

DIANTHUS (Continued)

Westwood Beauty. Color ranges from fiery crimson to deep velvety red. Flowers 2 inches in diameter on long wiry stems. 16 inches.

Finest Mixed. Contains all the traditional Dianthus colors plus salmon. Flowers are 2 inches across, on 16 inch stems.

Tr. Pkt.....25c ¼ oz.....65c Oz.....\$1.90

HEDDEWIGII (Pinks)

Fireball. Double dark scarlet. One of the best.

Snowdrift. Double. Extra large flowered, pure white.

Best Double Mixed.

Tr. Pkt.....25c ¼ oz.....50c Oz.....\$1.50

HEDDEWIGII LACINIATUS (Fringed Pinks)

Of the same habit as *D. Heddewigii* but with deeply fringed flowers.

Splendens. Single; extra large 2 inch; brilliant crimson, large contrasting white eye. Tr. Pkt.....25c Oz.....\$1.40

Gaiety. A brilliant range of colors with large, attractive lacy flowers. Tr. Pkt.....50c Oz.....\$3.20

DIDISCUS COERULEUS (Blue Lace Flower)

Lace like heads of many delicate blue flowers. May be forced or grown outdoors. Flowers from July until frost if cool. Light soil and careful watering will give fine cut flowers. 2½ ft.

Tr. Pkt.....20c Oz.....\$1.25

DIMORPHOTHECA (African Daisy)

Useful for rock garden and edging, these daisy-like flowers make fine cut flowers but they tend to close at night.

Aurantiaca. Orange. Tr. Pkt.....25c Oz.....\$2.20

Aurantiaca Hybrids. Mixed. Tr. Pkt.....25c Oz.....\$1.10

DRACAENA INDIVISA

Long, narrow, gracefully arching green leaves. Very useful for window boxes, cemetery urns and bedding.

Tr. Pkt.....20c Oz.....60c ¼ lb.....\$1.65 Lb.....\$5.50

DUSTY MILLER (See Centaurea) Page 13**ESCHSCHOLTZIA (California Poppy)**

Golden West. Yellow-orange center. Tr. Pkt.....15c Oz.....65c

Choice Mixed. All colors. Tr. Pkt.....20c Oz.....85c

EUPHORBIA

Heterophylla (Mexican Fire Plant) Tr. Pkt.....20c ¼ oz.....50c

Variegata (Snow-on-the-Mountain) Tr. Pkt.....15c Oz.....60c

FEVERFEW (See Matricaria) Page 38**BOOKS EVERY FLORIST SHOULD OWN**

The Album of Designs—Funeral Flowers. Handsome pictures of funeral pieces, many full-page size; assist greatly in taking funeral orders more quickly. Heavy waterproof cover with plastic spiral binding. 19th Edition.....\$2.00

The Designer's Notebook. Up-to-date methods of arranging funeral work, wedding bouquets, corsages and table flowers. Illustrated. For beginners, and experienced designers. 3rd Edition.....\$1.00

Vogue in Flowers (new edition). Contains many fine illustrations of the latest styling in wedding flowers, corsages, table decorations, etc., with new supplement "Wedding Customs and Etiquette." Heavy waterproof cover with plastic spiral binding. 8th Edition.....\$2.00

Flower Craft by Patricia Easterbrook Roberts. An illustrated handbook of basic information on the care and use of flowers, covering bouquets, corsages, decorations, weddings, potted plants, arrangements, and all other elements of floristry for professional and amateur.....\$2.75

The Complete Book of Flower Arrangement by F. F. Rockwell and Esther C. Grayson. A comprehensive volume on the art of flower arrangement. It is a direct, lucid step-by-step guide to making good floral displays. 89 Kodachrome reproductions and more than 100 black and white photographs, drawings and diagrams for making attractive displays.....\$4.95

The Retail Florist by John H. Liesveld. (1951). Forty-one chapters cover the establishment of a shop, legal aspects, equipment and decoration, inventories, retail policies, personnel, buying, selling, advertising, clerical details, care of flowers and plants and their uses, etc. 393 pages.....\$5.00

Garden Flowers in Color by Daniel J. Foley. A guide for the beginner and a reference for the advanced gardener, it contains accurately colored photographs of all the important garden annuals, perennials, flowering trees and shrubs, vines and bulbs, together with identifying descriptions and concise cultural directions. 350 photographs in full color; 320 pages.....\$2.95

Garden Bulbs in Color by McFarland, Hatton and Foley. A concise text describing each plant, evaluating its use for the average home garden, and giving the essential cultural information. Daffodils, tulips, lilies, dahlias, gladioli, hyacinths and a multitude of small spring bulbs are included. 275 color plates; 292 pages.....\$3.49

Principles of Nursery Management by Willis P. Duruz. A guide to the practice and study of nursery management. Seasonal operations have been stressed: preparation and planting in Spring, digging and grading in Autumn, storing and shipping in Winter. 136 pages.....\$3.50

FORGET-ME-NOT (See *Myosotis*) Page 38

GAILLARDIA PICTA (Blanket Flower)

Dependable, profuse blooming plants 15 inches tall which stand dry, hot weather and produce brilliantly colored flowers. Excellent for cutting, beds and borders.

	Tr. Pkt.	Oz.
Indian Chief. Single. Brilliant bronzy red.....	20c	\$1.10
Lorenziana. Single mixed	20c	1.00
Lorenziana. Double mixed	20c	1.10
Perennial Gaillardia. See page 37.		

GERBERA (See *Perennial Seeds*) Page 37

GILIA (Blue Thimble Flower)

Capitata Blue. Sky blue, round, thimble-shaped flowers which last well when cut. 2 ft. Tr. Pkt.....20c Oz.....75c

GLOXINIA

Generally sown in January, plants bloom within six months. The very small seed requires care in sowing.

Giant Victory. Strikingly beautiful velvety scarlet. Tr. Pkt.....\$1.25
Hybrida Grandiflora. Choicest mixed. Tr. Pkt.....1.25

GODETIA (Satin Flower)

Grow in shallow soil in the greenhouse. Outdoors this plant thrives in a cool moist location.

	Tr. Pkt.	Oz.
UPRIGHT SINGLE		
Duke of York. Scarlet on white.....	25c	\$1.75
Kelvedon Glory. Bright salmon-orange.....	25c	1.75
DWARF DOUBLE		
Sybil Sherwood. Bright salmon-pink edged white.....	25c	2.00
TALL DOUBLE (Grandiflora)		
A.B.C. Choice mixed	20c	1.10

GOMPHRENA (Globe Amaranth)

Mostly used for freshly cut flowers but they may be dried for winter bouquets.

	Tr. Pkt.	1/4 oz.	Oz.
GLOBOSA			
Dwarf Purple (Buddy). 6".....	30c	65c	\$2.00
Rubra. Purple	25c	40c	1.10
Mixed.	25c	40c	1.10

GOURDS (Ornamental)

The ripened fruits in a wide variety of shapes have become very popular for home decoration.

Large Varieties, Mixed.	Small Varieties, Mixed.
Tr. Pkt.....20c	Oz.....60c



Godetia Duke of York

GREVILLEA (Australian Silk Oak)

Robusta. Seeds should be sown in early spring with plenty of bottom heat and in a well drained, loose soil. Grown in a 60° house, 5-in. pot plants will be available by fall. Also, excellent in combinations where fine textured foliage is desired.

Tr. Pkt.....25c Oz.....\$1.90

GYPSOPHILA (Baby's Breath)

Free blooming plants of easiest culture. Desirable for cutting to mix with other flowers. Several plantings can be made during the season at intervals of ten days' time, in order to have a succession of bloom.

ELEGANS	Oz.	4 oz.	Lb.	5 lbs.
Covent Garden Market. Extra large flowered, full petaled—flowers having 6 to 8 petals instead of the usual 4 to 5.....	30c	85c	\$2.50	\$9.20
London Market Improved. Slightly taller than Covent Garden Market and later...	30c	85c	2.50	9.20
Paris Market. Standard medium size flowered strain	25c	70c	2.10	8.50
Carminea. Bright carmine-pink. Rather small flowered	(Tr. Pkt., 20c)	\$1.30	...	...
Rosea. Delicate pink.....	(Tr. Pkt., 20c)	1.30	...	...
Perennial Gypsophila. See page 37.				

B O O K S E V E R Y F L O R I S T S H O U L D O W N

Commercial Flower Forcing, by Alex Laurie and D. C. Kiplinger. Thorough treatise on growing crops in greenhouses for profit. Of special interest are chapters on greenhouse construction and heating, gravel culture, soils and fertilizers. 550 p., fifth edition. (1948).....\$5.00

Soils and Fertilizers for Greenhouse and Garden, by Alex Laurie and D. C. Kiplinger. Covers soil aeration, water supply, nutrient supply, sterilization, cover crops and composts, fertilizers for greenhouse crops and for outdoor crops. 120 p., 19 illus. (1946).....\$2.50

Garden and Greenhouse Chrysanthemums, by Alex Laurie and D. C. Kiplinger. Covers soils, fertilizers, gravel culture, greenhouse culture, insects and diseases, hardy chrysanthemums for the garden and breeding. 124 pages. (1946).....\$2.50

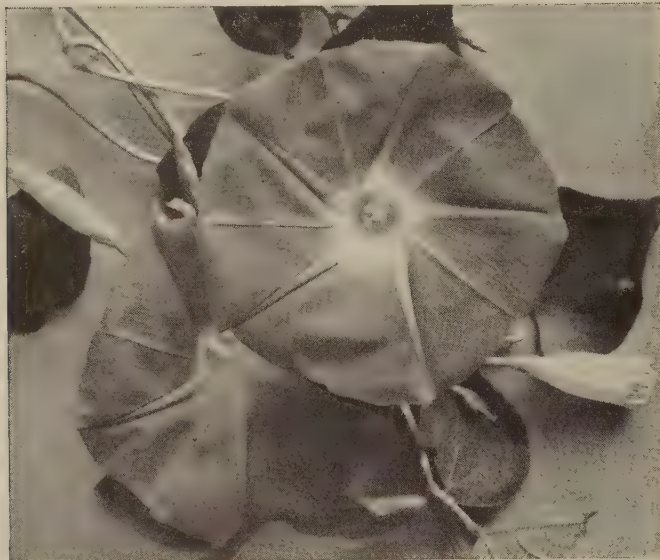
Handbook of Fertilizers, by A. F. Gustafson. Source, composition, effects and application of commercial fertilizers. 172 pages, revised edition

Standard Cyclopedia of Horticulture, edited by L. H. Bailey. The one universal and invaluable authority on every horticultural question. It presents concisely but thoroughly all the kinds, characteristics, and methods of cultivation of the plants grown in the United States and Canada. A handsome three-volume set. 4000 illus.; 3,637 pages.\$37.50

Florist Crop Production and Marketing, by Kenneth Post. The application of scientific facts to production and marketing problems. Part 1: The florist business. Structure of plants. Production of new varieties. Temperature, light and growth. Effect of gases. Soils and fertilizers. Water uses and application. Propagation. Cut flowers. Potted plants. Part 2: Plant culture, marketing and practices for growing 167 different crops. Includes season and areas of production. 891 p., 427 illus. (1949)

Propagation of Plants, by M. G. Kains and L. M. McQuesten. Reference book for greenhouse and nursery work. Includes seed testing, layerage, division, separation, rooting cuttings by growth-stimulating substances, greenhouse fumigation, grafting, budding, stock and scion handling, nursery management and pest control. 375 illus. 637 p..\$4.50

Hortus II: A Concise Dictionary of Gardening by L. H. and Ethel Zoe Bailey. Easy to use, accurate, and non-technical, this great book comes closer than any other single volume to answering all your garden questions. It contains complete information on every kind of ornamental, fruit and vegetable plant grown today. 778 pages...\$8.50



Morning Glory Heavenly Blue

HELICHRYSUM (Strawflowers)

Our strain produces large, perfect double flowers. Excellent for cut flowers, either fresh or in dried state. 2½ ft.

Fireball. (Scarlet)	Rose Pink	White
Golden Ball	Salmon-Pink	Violet
Canary Yellow	Silver-Pink	Mixed. All colors.
Tr. Pkt.....20c	¼ oz.....40c	Oz.....\$1.25

HELIOTROPE

Can be flowered from seed in four months. Very fragrant.

Lemoine's Giant. Excellent large flowering strain.

Tr. Pkt.....40c	¼ oz.....\$1.00
-----------------	-----------------

HUNNEMANNIA

FUMARIAEFOLIA (Bush Escholtzia)

Sunlite. Brilliant canary-yellow, semi-double.

Tr. Pkt.....25c	¼ oz.....45c	Oz.....\$1.40
-----------------	--------------	---------------

ICE PLANT (See Mesembryanthemum)

Page 22

IMPATIENS

Provide splendid pot plants for Christmas sales. Also useful for porch boxes and bedding if given partial shade. Our seed is imported from a European specialist.

Holstii Vermilion. Deep scarlet.

Holstii Hybrids Mixed. A fine mixture of the best colors.

Sultani Hybrids Mixed.

Tr. Pkt.....50c	1/32 oz.....65c	1/16 oz.....\$1.15
-----------------	-----------------	--------------------

Sultani. Bright Carmine.

Sultani Dwarf Mixed. A fine range of bright colors. Plants are very dwarf.

Tr. Pkt.....\$1.00	1/32 oz.....\$1.85	1/16 oz.....\$3.35
--------------------	--------------------	--------------------

IPOMEA (Morning Glory or Moonflower)

Blue Star. Flowers are large light blue with dark blue ribs which form a star. A new color combination.

Tr. Pkt.....35c	¼ oz.....60c	Oz.....\$1.50
-----------------	--------------	---------------

IPOMEA (Continued)

Darling. New. Striking wine red with snow white throat.

Tr. Pkt.....25c	¼ oz.....50c	Oz.....\$1.50
-----------------	--------------	---------------

Heavenly Blue. (Clark's Early Flowering). Very popular. Bright sky blue flowers 4 to 5 inches across with white and yellow throats. Will flower early in pots for spring sales.

Tr. Pkt.....25c	Oz.....75c	¼ lb.....\$2.20
-----------------	------------	-----------------

Pearly Gates. Large flowers of clear satin white with cream throat. As vigorous and free flowering as Heavenly Blue with which it is often grown for contrast.

Tr. Pkt.....35c	¼ oz.....50c	Oz.....\$1.50
-----------------	--------------	---------------

Scarlett O'Hara. A rich dark wine red. Flowers are not as large as Heavenly Blue but are good sized.

Tr. Pkt.....20c	¼ oz.....40c	Oz.....\$1.25
-----------------	--------------	---------------

Noctiflora. (Moon Flower). A night bloomer which usually stays open until noon the next day. We offer both pink and white varieties.

Giant Pink

White Seeded

Tr. Pkt.....20c	Oz.....60c
-----------------	------------

KALANCHOE

An excellent pot plant possessing shades of brilliant scarlet flowers. Sow in January, may be flowered for Christmas with proper shading.

Brilliant Star. An intense bright red with flowers about three times the size of Blossfeldiana and borne well above the foliage, so that they may be used as cut flowers. Also, ideal for pots.

Tr. Pkt.....\$1.50	1/128 oz.....\$3.60	1/64 oz.....\$6.75
--------------------	---------------------	--------------------

Tom Thumb. Bright scarlet flowers cover the dwarf plants actually enveloping the entire plant starting at its base.

Tr. Pkt.....\$1.25	1/64 oz.....\$5.00	1/32 oz.....\$9.00
--------------------	--------------------	--------------------

Blossfeldiana (Globulifera Coccinea). Taller than the above varieties. Very bright scarlet. Tr. Pkt.....70c 1/64 oz.....\$1.75

KOCHIA (Summer Cypress or Burning Bush)

Childsii. Light green foliage, symmetrical oval plants. Fine for summer hedges. Turns carmine in fall. 3 ft.

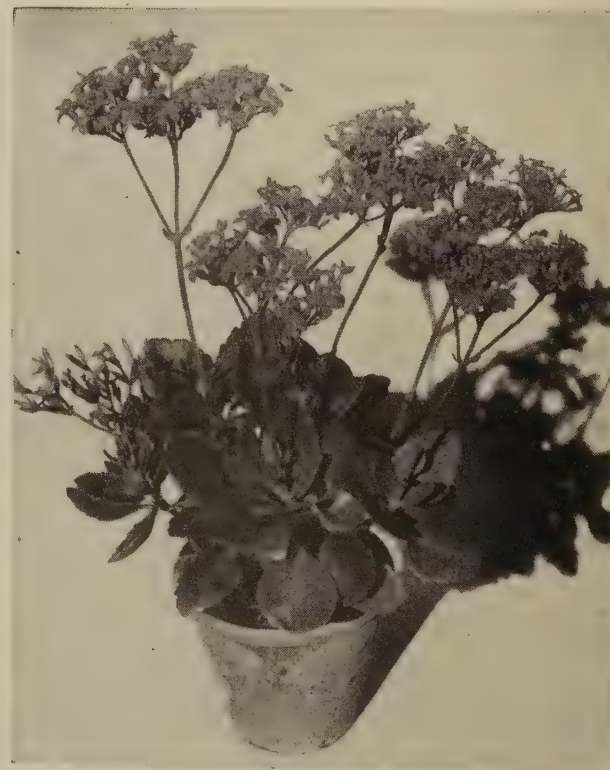
Tr. Pkt.....15c	Oz.....35c	4 oz.....90c
-----------------	------------	--------------

LANTANA

Desirable for bedding, pot culture, vases. Seed must be given bottom heat and sown early.

Dwarf Compacta, Mixed. Tr. Pkt.....25c

¼ oz.....60c	Oz.....\$1.80
--------------	---------------



Kalanchoe Brilliant Star

Larkspur

In northern states an outdoor sowing in early September will give the best blooms in the Spring, however if sown as early in the Spring as the ground can be worked, fine spikes may be obtained. Sowings are usually made in January for a crop under glass.

The base branching types are the best for cutting. For supreme quality try the new Regal, Supreme or Super Majestic Strains.

REGAL

Very long spikes of huge well spaced florets make this new strain of Florist's Market larkspur distinctive. Some flowering trials proved this strain to be superior.

Dark Blue Lilac	Pink Rose	White Regal Mixed
Tr. Pkt.....35c	1/4 oz.....60c	Oz.....\$1.80
4 oz.....\$6.00	Lb.....\$18.00	

SUPREME

A new base branching strain with a tremendous main flower spike formed by many fully double large flowers with broad petals closely spaced on the stem. Outstanding new colors.

Dark Blue. Rich violet purple.	Rose. Pure, deep rose.
Lilac. Clear lilac.	Salmon. A true strong shade.
Pink. Clear pink.	White. A truly pure white.

Supreme Mixture.

Tr. Pkt.....35c	1/2 oz.....\$1.00	Oz.....\$1.80
4 oz.....\$6.00	Lb.....\$18.00	

SUPER MAJESTIC

The tallest of the base branching larkspur. Added height gives this type an advantage for outdoor growing. Plants are very vigorous and the flower spikes as well as the stems are very long.

Deep Carmine	Lavender	Rose Pink	White
Deep Salmon Pink	Light Blue	Pink	Mixed
Tr. Pkt.....25c	1/4 oz.....45c	Oz.....\$1.10	
4 oz.....\$3.65	Lb.....\$11.00		



You'll find the new types of Base Branching Larkspur the best.

IMPERIAL OR BASE BRANCHING

The standard strain. We list only the most called for varieties.

Blue Bell. Azure blue.	Los Angeles Improved. Salmon-rose.
Blue Spire. Very deep blue-violet.	Pink Perfection. Soft pink.
Brilliant Rose. Deep salmon-rose.	Pink King. Salmon-rose.
Gloria Improved. Bright rose-pink.	Sweet Lavender. Lavender-blue.
Lilac King. Extra fine lilac shade.	White King. The best clear white.
Lilac Queen. Rich lilac-lavender.	Finest Mixed.

Tr. Pkt.....25c	1/4 oz.....45c	Oz.....\$1.10
4 oz.....\$3.65	Lb.....\$11.00	

LOBELIA

The compact varieties are fine for beds, borders, edging and rock gardens. The trailing varieties are excellent in flower boxes, hanging baskets and pots. Enjoys semi-shade.

COMPACTA. 4-6 in.

Cambridge Blue.	Light blue with green foliage.		
Crystal Palace.	Dark blue, dark foliage.		
Blue Gown.	Clear deep blue, without eye, fine compact habit.		
Blue Stone. Re-selected.	Large flowers, brilliant mid-blue.		
Emperor William.	Gentian blue, light foliage.		
Mrs. Clibran Improved.	Deep blue, white eye.		
Pumila Splendens, Bedding Queen.	Dark blue with white eye.		
Tr. Pkt.....	30c	¼ oz.....	90c Oz.....\$3.20
Finest Mixed.	A wide variety of shades in the Compacta class.		
Tr. Pkt.....	25c	¼ oz.....	75c Oz.....\$2.25

PENDULA (Trailing).

Hamburgia. Sky blue with a white eye.		
Tr. Pkt.....	35c	$\frac{1}{4}$ oz..... \$1.25

LOBELIA PENDULA (Continued)

Sapphire. Large deep navy-blue with white eye.

Tr. Pkt.....35c	1/4 oz.....\$1.10
-----------------	-------------------

PERENNIAL LOBELIA. See page 38.

LOVE IN A MIST (See Nigella) Page 22

LUPINUS (Lupins)

A January sowing will flower in May. Lupines are difficult to transplant and should be sown in pots or in the beds where they are to bloom. They prefer lime free, moist soil and partial shade.

HARTWEGI GIANTS OR KING

An improved strain. 3 to 4 feet high, with base branching habit. Each plant produces from 4 to 6 spikes of bloom, which are much larger than the old type.

Dark Blue. Rich Oxford blue.	Sky Blue. Clear light blue.
Heliotrope. Rosy purple.	White. Glistening pure white.

Choice Mixed.

Tr. Pkt.....25c	Oz.....95c	Lb.....\$8.20
-----------------	------------	---------------

PERENNIAL LUPIN. See page 38.

A. B. C. Supreme

TALL AFRICAN

✓ On this page we've checked the most popular varieties for cutting.

ALL DOUBLE BALL (Fistulosa)

A very fine tall branching strain with large, quilled type flowers which are almost 100% double. Very popular for indoor forcing in the spring. About 2½ feet.

- ✓ **Orange.** An exceptionally fine cut flower with long stiff stems. Color is brilliant orange.
- ✓ **Lemon.** Has the same large ball shaped flowers as the above but they are light yellow in color.

All Double Mixed. A fine blend of the above two varieties with some varying shades of lemon and orange.

Tr. Pkt.....30c ¼ oz.....60c Oz.....\$1.65 4 oz.....\$5.25

CARNATION FLOWERED

Odorless Foliage.

- ✓ **Burpee Gold Improved.** Large double rich deep orange flowers. Excellent for cutting. 2½ feet.
Tr. Pkt.....30c ¼ oz.....60c Oz.....\$1.70
- ✓ **Canary Bird.** Very free flowering. Bright canary yellow. Long, strong stems. 2 feet.
Tr. Pkt.....25c ¼ oz.....50c Oz.....\$1.65
- ✓ **Frills.** Large golden orange flowers with beautifully waved and frilled petals. Fine for borders or cutting. 2 feet. Tr. Pkt.....25c
¼ oz.....55c Oz.....\$1.65

Normal Foliage.

- ✓ **Guinea Gold.** Rich bright golden orange loose petaled flowers on fine long stems. The first of this type to be introduced and still a favorite. 3 ft.
- ✓ **Yellow Supreme.** Creamy lemon-yellow blooms 2 to 3 inches across, with broad, loosely placed frilled petals. Good stems for cutting. 2½ feet.
Tr. Pkt.20c ¼ oz.....55c
Oz.\$1.65 4 oz.....\$5.35

CHRYSANTHEMUM FLOWERED

Flowers have incurved petals which in some varieties form finely cut florets closely entwined in true Mum form.

- ✓ **Firefly.** A large flowered deep glowing orange with deeply lacinated incurved petals. Especially suited for cutting. 26 inches. Tr. Pkt.....40c
¼ oz.....\$1.00 Oz.....\$3.00
- ✓ **Glitters.** New. Clear yellow flowers with fringed outer petals larger than Mammoth Mum and also plants are earlier and more dwarf. 2½ to 4 feet.
Tr. Pkt.....40c ¼ oz.....\$1.50 Oz.....\$5.00
- ✓ **Golden Bedder.** Extra early bright golden orange flowers, about 3 inches across. Plants are very symmetrical. 14 inches. Tr. Pkt.....25c
¼ oz.....55c Oz.....\$1.85
- ✓ **Goldsmith (Mission Giant).** Giant Mum type flowers of rich golden orange, 3 inches across. Exceptional keeping qualities. Outstanding for culture indoors or out. 18 inches. Tr. Pkt.....30c
¼ oz.....65c Oz.....\$2.00

Happiness. Similar to Golden Bedder, except that it is lively golden yellow. Very free flowering, bushy plants. 16 inches. Tr. Pkt.....35c
¼ oz.....75c Oz.....\$2.50

- ✓ **Mammoth Mum.** The largest flowered variety in this class. The large, fluffy light sulfur yellow blooms are borne on long stiff stems. 30 inches.
Tr. Pkt.....40c ¼ oz.....85c Oz.....\$2.80

Yellowstone (Mission Giant). Rich clear yellow with base branching habit. Produces strong long stems for cutting. May be used for Spring forcing. 2 feet. Tr. Pkt.....40c
¼ oz.....65c Oz.....\$2.20

Mission Giant Mixed. A fine mixture. Golden orange to lemon yellow. 18 inches to 2 feet.
Tr. Pkt.....25c ¼ oz.....60c Oz.....\$1.80

GIGANTEA — Tall

A remarkable sweet scented, robust growing and extremely large flowered type. Some of the largest flowers in the marigold class.

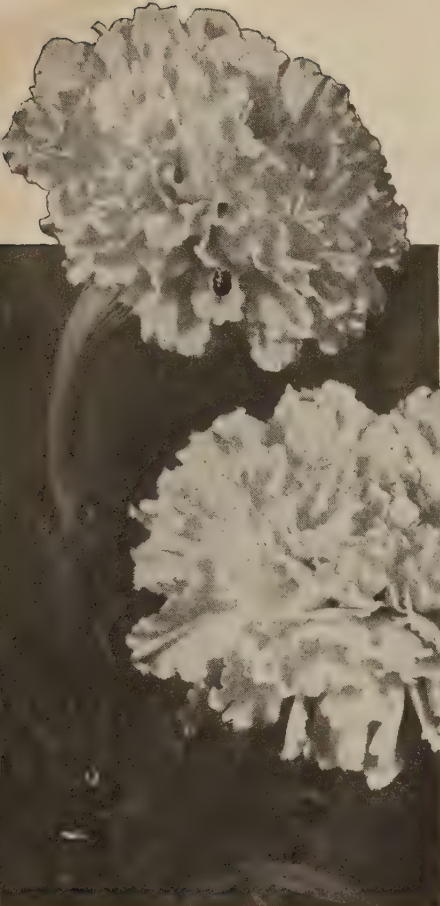
- ✓ **Orange Sunset.** Rich, deep, lively orange. Very double flowers. Plants are of strong growing, upright branching habit. Makes a fine cut flower under glass. 3 feet.
- ✓ **Sunset Giants.** An excellent mixture of colors ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow to primrose. 3½ feet.
Tr. Pk.....30c ¼ oz.....60c Oz.....\$2.00

GIGANTEA — Dwarf

These are almost as large flowered as the tall varieties, but the plants are of compact habit. Free flowering and early.

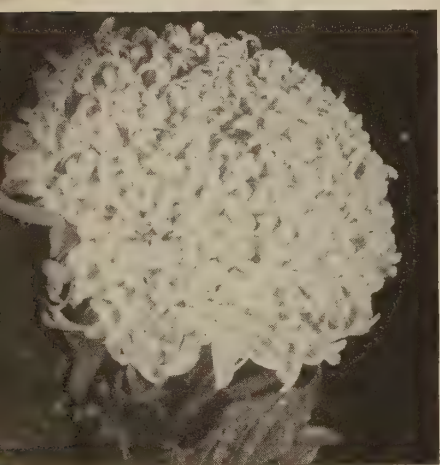
Pot O'Gold. Deep orange blooms. 12-15 in.
Tr. Pkt....30c ¼ oz.....55c Oz.....\$1.90

Little Giants Mixed. Shades of yellow to very bright orange. Flowers vary from the informal carnation type to the perfect Fistulosa ball type. Very compact habit. 10 to 15 in.
Tr. Pkt....25c ¼ oz.....60c Oz.....\$1.80

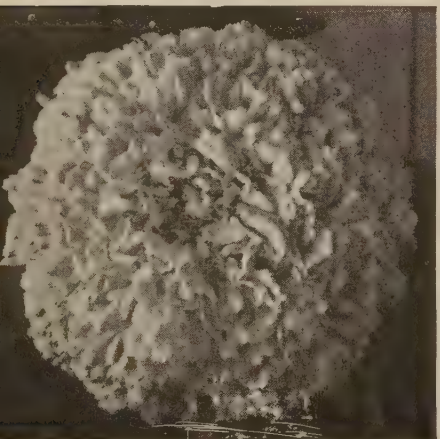


CARNATION FLOWERED
YELLOW SUPREME

MUM FLOWERED FIREFLY



GIGANTEA ORANGE SUNSET



For Bedding • Borders • Cutting

Quality Marigolds

DWARF FRENCH

✓ On this page we've checked the most popular varieties for bedding.

SINGLE FLOWERED

- Fire Cross.** Deep golden yellow with mahogany center. Nice compact habit. 12 to 14 inches. Tr. Pkt.20c Oz.80c
- ✓ **Flash.** Color ranges from vivid red through bronze with occasionally a few yellows. The base color of tangerine is overlaid with rich marigold red. 18 in. Tr. Pkt.35c ¼ oz.65c Oz.\$1.85
- ✓ **Naughty Marietta.** Rich golden yellow petals attractively marked maroon at the base. 2 inch flowers are produced early and freely on compact plants. Well liked wherever it has been grown. 1 foot. Tr. Pkt.30c ¼ oz.60c Oz.\$1.90

- Legion of Honor.** An old favorite. Lemon yellow with mahogany center. 12 to 14 in. Tr. Pkt.20c Oz.\$1.00
- ✓ **Red Head.** Large crested flowers 2 inches across, with broad, overlapping petals. Mahogany color, changing to auburn and later to bronze. Blooms early and continues throughout summer. Excellent for low borders. 1 ft. Tr. Pkt.30c ¼ oz.60c Oz.\$1.90
- ✓ **Sunny.** Bright yellow single flowers with attractive wavy edges. Compact plants are covered with blooms all summer. 15 in. Tr. Pkt.35c ¼ oz.60c Oz.\$2.00

DOUBLE FLOWERED

Very popular for edging, bedding, rock gardens and borders. Many will flower early in small pots or plant bands and are very attractive when sold alone or in combinations.

- ✓ **Butterball.** Light yellow scabiosa-like flowers with crested center petals very slightly tinged maroon. Plants are very compact 6 to 10 in. Tr. Pkt.30c ¼ oz.55c Oz.\$1.90
- Eldorado.** A live pleasing canary-yellow tinted slightly deeper toward the center. An early bloomer. 10 inches. Tr. Pkt.25c ¼ oz.60c Oz.\$1.80
- Extra Dwarf Harmony.** Flowers are similar to Harmony but plant habit is more dwarf and ball shaped. 6 in. Tr. Pkt.30c ¼ oz.55c Oz.\$1.90
- Golden Harmony.** Glowing golden yellow flowers which are similar in form to Harmony as is the plant habit. 11 inches. Tr. Pkt.25c ¼ oz.55c Oz.\$1.80
- ✓ **Harmony Improved.** Flowers have fluted deeply cut golden orange center petals and maroon-ored outer petals. Quite striking and distinct. 12 inches. Tr. Pkt.20c ¼ oz.40c Oz.\$1.20
- Harmony Hybrids.** A very colorful mixture of double crested flowers in orange and yellow shades with many blotched and striped combinations. 12 to 14 inches. Tr. Pkt.20c ¼ oz.40c Oz.\$1.20

- Melody.** Harmony-type flowers, 1¼ inches across of clear golden orange. Uniform habit, early and continuous bloomer. 12 to 15 inches. Tr. Pkt.30c ¼ oz.60c Oz.\$1.80
- Scarlet Glow.** Flowers open deep scarlet and turn with age to orange-scarlet. The brightest red in this class. Very bushy. 10 inches. Tr. Pkt.30c ¼ oz.55c Oz.\$1.70
- ✓ **Spry.** One of the most profuse bloomers in this class. The bright yellow crested centers are surrounded by several rows of mahogany-red guard petals. Very attractive. Quite resistant to heat. 9 inches. Tr. Pkt.30c ¼ oz.55c Oz.\$1.90
- ✓ **Sunkist.** Very attractive deep orange flowers with crested centers. Very dwarf and compact. 6 to 8 inches. Tr. Pkt.25c ¼ oz.55c Oz.\$1.80
- ✓ **Yellow Pygmy.** Sparkling lemon yellow. Very dwarf bushy plants. While used mostly in pots and for edging, the whole plant when cut makes an effective bouquet. 6 inches. Tr. Pkt.25c ¼ oz.55c Oz.\$1.80
- Finest Mixed.** An excellent mixture of all varieties. Tr. Pkt.25c ¼ oz.50c Oz.\$1.75

MISCELLANEOUS TYPES

- Burpee Red and Gold Hybrids.** A cross between African and French Marigolds. Very double 2½ inch flowers. Range in color from solid red to combinations of red and gold. Varying with the season. Fine for bedding and cutting. 1½ to 2 feet. Tr. Pkt.50c ¼ oz.\$2.25
- Aurora (Gaillardia Flowered).** Deeply fringed petals of deep golden yellow form flowers resembling double annual Gaillardias. Early flowering. 12 to 14 inches. Tr. Pkt.35c ¼ oz.65c Oz.\$2.00
- Gnome (Tagetes Signata Pumila).** Large flowered golden yellow. Fine for pots and edging. Foliage is very finely cut and fern-like. 6 inches. Tr. Pkt.30c ¼ oz.55c Oz.\$1.70

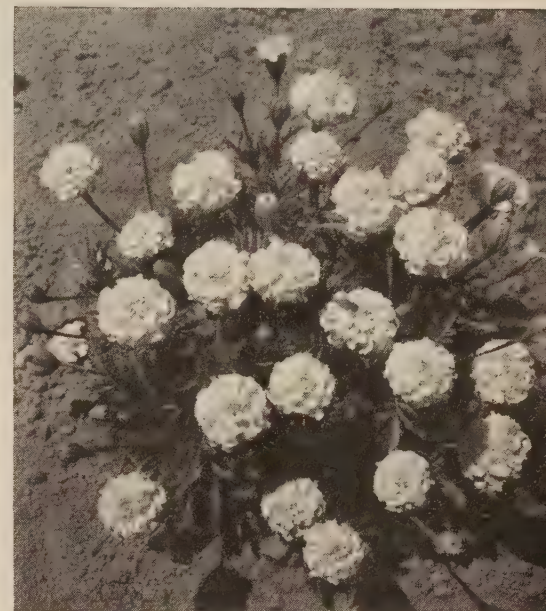
WINTER FLOWERING

Especially suited for winter cut flowers. Will not flower in the summer. Sowings may be made from August on into late fall.

- Lieb's Winter Flowering.** Golden yellow crested center with mahogany guard petals. Tr. Pkt.30c ¼ oz.65c Oz.\$2.10
- Winter Harmony.** Golden orange, crested center with reddish brown guard petals. Tr. Pkt.30c ¼ oz.55c Oz.\$1.80



← SUNNY



← YELLOW PYGMY
← NAUGHTY MARIETTA



• Combinations • Pot Plants

**Nasturtium Golden Gleam****MARVEL OF PERU (Four O'clock)**

Bright colored flowers which open in the afternoon or all day on cloudy days. Very easily grown most anywhere. An old favorite. 2 ft.

Mixed Colors. Oz.....35c Lb.....\$3.20

MESEMBRYANTHEMUM

Criniflorum (Livingston Daisy). Flowers in a variety of color cover the dwarf spreading plants. Give it a sunny location and plenty of water.

Tr. Pkt.....35c 1/8 oz.....70c 1/4 oz.....\$1.25

Crystallinum (Ice Plant). White flowers. Foliage is covered with globules which resemble ice. Excellent for a dry, sandy location.

Tr. Pkt.....30c 1/4 oz.....55c

MIGNONETTE

Sow in August for a winter crop and in January for a spring crop. Water carefully and grow cool. 1 ft.

	Tr. Pkt.	1/4 oz.	Oz.
New York Market. For forcing	65c	\$1.50	....
Matchet. Golden Goliath.....	15c	.30	\$1.00
Matchet. Goliath Red	15c	.30	1.00
Sweet Scented. Large flowering.....	10c	....	.20

MIMOSA (Sensitive Plant)

Pudica. Tr. Pkt.....30c Oz.....\$1.90

MIMULUS

Moschatus (Musk Plant). Flowers are pale yellow with small brown blotches. Tr. Pkt.35c

Tigrinus (Monkey Flower). Tr. Pkt.....35c

MORNING GLORY (See Ipomoea) Page 18**NASTURTIUM**

DOUBLE GLEAM TYPE. Large sweet-scented, double flowers on vigorous semi-tall plants. May be trained on wire or string. Fine for cutting, lasting well in water.

Golden Gleam. Golden yellow **Scarlet Gleam.** Orange scarlet
Orange Gleam. Deep orange **Gleam Hybrids.** A colorful mixture
 Oz.....30c 4 oz.....75c Lb.....\$2.50

NASTURTIUM (Continued)

DWARF DOUBLE FLOWERED. Plants are compact and bushy. Flowers are large and sweet scented. Nice long stems. 1 ft.

Finest Mixed. An excellent range of colors.

Oz.....30c 4 oz.....90c Lb.....\$3.00

SINGLE FLOWERED. These are the old-fashioned type having only 5 petals instead of 8 to 10 petals like the doubles.

Dwarf mixed. 1 ft.

Tall (Trailing) Mixed. 18 in. to 4 1/2 ft.

Oz.....25c 4 oz.....60c Lb.....\$2.20

NEMESIA

Showy, free flowering plants for borders, rock gardens and edging. Do best in cool weather.

GRANDIFLORA. The tall class. Fine for early spring cutting. 14 in. Mixture. Tr. Pkt.....25c 1/4 oz.....80c Oz.....\$2.65

NANA COMPACTA. The dwarf compact growing type. Fine for spring pot plants or combination boxes. 10 in.

Triumph Mixed. Tr. Pkt.....40c 1/4 oz.....95c Oz.....\$3.50

NICOTIANA (Flowering Tobacco)

	Tr. Pkt.	Oz.
Affinis. Fragrant, white. 2 1/2 ft.....	20c	\$1.10
Affinis Hybrids. Brilliant shades of rose, red, crimson and creamy white. 2 1/2 ft.....	20c	.65
Crimson Bedder. Rich deep crimson. 15 in.....	25c	1.90
Sanderac. Crimson King. 2 1/2 ft.....	20c	.85

Sensation Mixed. Contains the widest range of colors. Plants are more compact and the flowers remain open in daylight. Fragrant.

Tr. Pkt.....35c 1/4 oz.....80c Oz.....\$2.50

NIEREMBERGIA

Plants form a dense mat and are covered with beautiful cup-shaped flowers all summer. Does best in full sun and sandy soil. Blooms in about 15 weeks from seed.

Hippomanica, Coerulea. Lavender blue. 6 to 8 inches.

Tr. Pkt.....50c 1/32 oz.....\$1.00 1/16 oz.....\$1.85

Purple Robe. Violet blue flowers which do not fade in hot sun. 6 in.

Tr. Pkt.....50c 1/32 oz.....\$1.65 1/16 oz.....\$3.00

NIGELLA (Damascena)

Miss Jekyll. Double blue. 18 inch. Tr. Pkt.... 25c Oz.....\$1.00

**NEMESIA
GRANDIFLORA**

*Fine for
Early Spring
Cutting*



PANSY SEED

A. B. C. De Luxe Mixture

The world's finest strain of fancy pansies composed of seed which is hand picked from individual plants selected for the largest sized flowers in the richest and most varied colors including beautiful shades of red.

This DeLuxe mixture will bring you top prices in spring plant sales and produces excellent cut flowers as well.

Tr. Pkt.....	.75c	1/8 oz.....	\$1.75
1/4 oz.....	\$3.00	Oz.....	\$10.00
		4 oz.....	\$35.00

SWISS GIANT

Alpenglow. Rich wine shades with large dark blotch.

Berna. Dark velvety violet-blue, excellent quality.

Coronation Gold. Canary yellow with lower petals flushed golden orange.

Giant Orange. Pure bright orange. Originator's seed. Packets only.

Lake of Thun (Ullswater, Thuner See.) A solid blue with dark blue blotches.

Rheingold. Canary yellow with dark blotches.

White (Mont Blanc.) The finest Giant pure white.

Tr. Pkt.....	.80c	1/4 oz.....	\$3.10	Oz.....	\$10.20
--------------	------	-------------	--------	---------	---------

Raspberry Rose. A distinct new color in the Swiss type having soft pink flowers with deeper colored blotches.

Tr. Pkt....	.85c	1/8 oz....	\$1.85	1/4 oz....	\$3.50	Oz....	\$11.00
-------------	------	------------	--------	------------	--------	--------	---------

Super Swiss Giants. A very fine mixture noted for its immense size blooms. The texture of the flowers is unexcelled. Selected for their distinctive markings, many blooms are attractively ruffled.

Tr. Pkt.....	.75c	1/4 oz.....	\$3.00	Oz.....	\$10.00
--------------	------	-------------	--------	---------	---------

Dwarf Swiss Giants. Choice Mixed. Similar to above, but, with dwarf compact habit of growth.

Tr. Pkt.....	.65c	1/4 oz.....	\$2.50	Oz.....	\$9.00
--------------	------	-------------	--------	---------	--------

POPULAR MIXTURES

Engelman's Giant Mixture. An early flowering strain of giant pansy. The growth is very compact. Large flowers are produced on heavy stems. Originator's seed.

Tr. Pkt....	.80c	1/4 oz....	\$3.75	1/2 oz....	\$6.50	Oz....	\$12.00
-------------	------	------------	--------	------------	--------	--------	---------

Grown from originator's seeds.

Tr. Pkt....	.60c	1/4 oz....	\$3.00	1/2 oz....	\$5.50	Oz....	\$10.00
-------------	------	------------	--------	------------	--------	--------	---------

Maple Leaf Giants. One of the largest flowering strains of Giant Pansies.

Tr. Pkt....	.65c	1/4 oz....	\$2.85	1/2 oz....	\$4.85	Oz....	\$9.20
-------------	------	------------	--------	------------	--------	--------	--------

Super Maple Leaf Giants (Canadian Giant). An improved strain with huge flowers.

Tr. Pkt....	\$1.00	1/4 oz....	\$3.10	1/2 oz....	\$5.50	Oz....	\$10.20
-------------	--------	------------	--------	------------	--------	--------	---------

Geneva Giants. Growers report that this strain has a fine selection of rich colors. Compact in habit of growth.

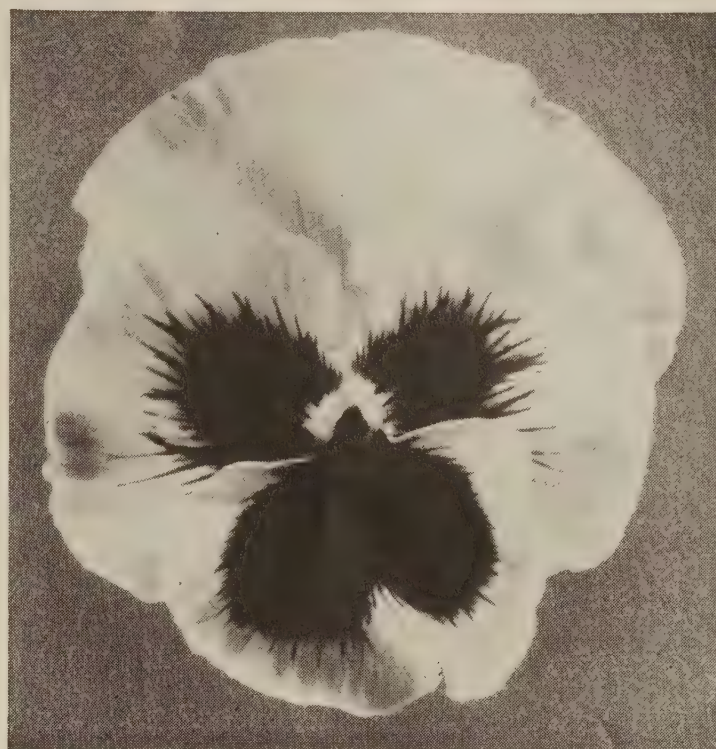
Tr. Pkt.....	.80c	1/4 oz.....	\$2.85	Oz.....	\$10.20
--------------	------	-------------	--------	---------	---------

Oregon Giants. Immense ruffled blooms produced on long, strong stems with luxuriant foliage. Wide range of colors. Delicately fragrant.

Tr. Pkt....	.85c	1/4 oz....	\$3.50	1/2 oz....	\$6.00	Oz....	\$12.00
-------------	------	------------	--------	------------	--------	--------	---------

America. An extremely bright mixture, early flowering and dwarf, with a good variety of colors. Especially desirable for basket sales.

Tr. Pkt.....	.65c	1/4 oz.....	\$2.50	Oz.....	\$9.30
--------------	------	-------------	--------	---------	--------



A. B. C. "DeLuxe" Pansies

Steele's Strain

BUTTERFLY HYBRIDS

A fine mixture of the most unusual pastel shades. Many are ruffled, frilled, fluted, and marked with sunrays and blotches of butterfly sheen metallic jewel tones. The substance is superb and the stems are long.

Tr. Pkt. (800 seeds)...	\$1.00	1/16 oz..	\$2.00	1/8 oz..	\$3.50	1/4 oz..	\$6.00
-------------------------	--------	-----------	--------	----------	--------	----------	--------

JUMBOS

"Pay Dirt." The largest golden yellow ever produced. Blooms have dark rays or tiny dark faces. Resistant to summer heat.

Tr. Pkt. (600 seeds)....	\$1.75	1/16 oz....	\$3.00	1/8 oz....	\$5.00
--------------------------	--------	-------------	--------	------------	--------

Jumbo Beaconsfield. A greatly improved true Beaconsfield type. Upper petals rich lavender, lower deep violet. No blotch.

Tr. Pkt. (600 seeds)...	\$1.00	1/4 oz..	\$3.50	1/2 oz..	\$6.50	1 oz..	\$12.00
-------------------------	--------	----------	--------	----------	--------	--------	---------

Jumbo Mixed. Flowers up to five inches in diameter. Many new and unique colors. Fine form, heavy substance, long strong stems, fine for cutting and forcing. Very early.

Tr. Pkt....	\$1.00	1/8 oz....	\$3.00	1/4 oz....	\$5.00	1/2 oz....	\$9.00
-------------	--------	------------	--------	------------	--------	------------	--------

SWISS

Sea Blue. A genuine blue pansy with darker blotch. Very uniform in color with good size and substance.

Tr. Pkt. (800 seeds)...	\$1.00	1/4 oz..	\$3.50	1/2 oz..	\$6.50	1 oz..	\$12.00
-------------------------	--------	----------	--------	----------	--------	--------	---------

Gorgeous Red. The reddest pansy ever produced with a deeper red blotch.

Tr. Pkt. (800 seeds)....	\$1.00	1/16 oz....	\$1.25	1/8 oz....	\$2.00
--------------------------	--------	-------------	--------	------------	--------

Super Swiss "400" Mixed. A strain of the finest known Swiss types grown in a perfectly balanced mixture. Flowers are beautifully blotched and often bordered in contrasting hues.

Tr. Pkt. (800 seeds)...	\$1.00	1/4 oz..	\$4.00	1/2 oz..	\$7.50	1 oz..	\$14.00
-------------------------	--------	----------	--------	----------	--------	--------	---------

GIANT PANSIES—Separate Colors

Cardinal. Bright scarlet.

Emperor William. Blue.

King of the Blacks.

Golden Queen. Pure yellow.

Tr. Pkt.....	.35c	1/4 oz.....	\$1.50	Oz.....	\$5.00
--------------	------	-------------	--------	---------	--------

Lord Beaconsfield. Pure violet.

Snow Queen. Pure white.

St. Knut. Apricot, very choice.

Choice Mixed.

A. B. C. GIANT WINTER-FLOWERING

Mixture. Plants grow 2½ to 3½ feet high, with six to eight strong upright stems bearing numerous good sized blooms on flower stems 10 to 12 inches long. The color range is excellent.

Tr. Pkt.....	\$1.00	1/8 oz.....	\$2.50	1/4 oz.....	\$4.85
--------------	--------	-------------	--------	-------------	--------



All Double Petunias make fine Easter pot plants

VICTORIOUS STRAIN (Sakata)

NEW and IMPROVED VARIETIES

- Amaranth Red.** Large Amaranth-red, well fringed.
- Fantasy.** Rich velvety violet-blue and white.
- Illumination.** Bright red with scarlet sheen.
- Mayflower.** Soft, delicate rose with deeper-colored veining.
- Orange (Salmon).** The nearest to orange in Petunias.
- Orchid Beauty Improved.** Clear light blue to orchid.
- Silver-Blue.** Clear blue without veins.
- Purple Glow.** Deep glowing purple shaded velvety blue.

½ Tr. Pkt. (400 seeds).....\$2.50 Tr. Pkt. (800 seeds).....\$4.50

STANDARD VARIETIES

- Attraction.** Rich bright rose with sharp contrasting variegation of pure white.
- Blue Brocade.** True violet-blue.
- Gaiety.** Light rose-red with variegated white markings.
- Loveliness.** La France pink.
- Pure White (Snowball).** Clear white.
- Purple and White.** Variegated rich purple and white.
- World Beauty (Rosy-Carmine).** Very bright rose.
- Victorious Mixed.** A well balanced mixture.

½ Tr. Pkt. (400 seeds)...\$ 2.25 Tr. Pkt. (800 seeds).....\$ 4.00
1/64 oz.12.00 1/32 oz. 23.00

SINGLE F₁ HYBRID PETUNIAS (Weddle) Ruffled Fringed

Bolero. Bright rose deeply fringed flowers. Plants are of extra dwarf, very uniform habit. Very vigorous and more free flowering than the standard dwarf fringed varieties. Showy in pots or beds. More vigorous and larger flowered than Setting Sun and the other Dwarf Erfurts.

½ Tr. Pkt.\$1.35
Tr. Pkt.....\$2.50 1/128 oz..... 4.50

La Paloma. An F₁ Hybrid with pure white, large, well fringed flowers. Very uniform and vigorous. Suitable for bedding or pots.

½ Tr. Pkt.\$1.35 Tr. Pkt.\$2.50
1/128 oz. 4.50 1/64 oz. 8.00

Rose Charm. Bright rose. A small flowered F₁ hybrid of the multiflora type Petunia. The most free blooming of all petunias. Vigorous plants spread 3 to 4 feet yet the growth remains low and compact. Disease resistant. Color and freedom of bloom combine to make a bed of unsurpassed brilliance. 15 inches.

½ Tr. Pkt.\$1.00
Tr. Pkt.....\$1.75 1/128 oz..... 9.50

Tango. Scarlet red. The first F₁ Hybrid Dwarf Fringed Petunia to be offered. Very dwarf and compact yet strong and free blooming due to Hybrid vigor. A new color in petunias which is even brighter than Carmencita and has been admired by all who have seen it. 15 inches.

Short crop. SOLD OUT.

ALL DOUBLE PETUNIAS

Excellent for pot plants and combinations for Easter and Spring sales. Sow seed in late October to make fine, bushy plants for Easter. Grow the plants cool. Order your seed now for prompt delivery.

CANADIAN STRAIN (Simonet)

All-Double Canadian Mixture. Vigorous dwarf compact plants of free branching habit with large nicely ruffled flowers. Rose, pink, and mauve, as well as some white and salmon, are included in this mixture.

½ Tr. Pkt.\$2.00 Tr. Pkt.\$ 3.50
1/128 oz. 6.65 1/64 oz. 12.60

Colossal Shades of Rose. The largest flowered All-Double Petunia. Colors range from light salmon pink through rose-pink to rich rosy mauve. Plants are of vigorous, low spreading habit. 20 inches.

½ Tr. Pkt.\$1.65 Tr. Pkt.\$ 2.75
1/128 oz. 5.50 1/64 oz. 10.00

America. Medium sized rose-pink carnation flowered bloms. Compact dwarf plants. Valuable for combinations, pot plants and bedding.

½ Tr. Pkt.\$1.35 Tr. Pkt.\$ 2.50
1/128 oz. 4.50 1/64 oz. 8.00
1/32 oz.\$14.50

PAN-AMERICAN STRAIN (Weddle)

Allegro Improved. Deep salmon giant fringed flowers which are 100% true to the Grandiflora type. Plants have a uniform dwarf habit and are unexcelled for pots and bedding. One of the most outstanding in the All-Double class.

Caprice. Bright rose flowers which are deeply fringed. Plants are dwarf. One of the most popular double varieties.

Minuet. Beautiful orchid-lavendar. Somewhat taller than the other varieties. Fine shapely plants can be had for pots if they are pinched. Very large fringed flowers. Unpinched plants produce excellent cut flowers which last well in water.

Nocturne. Deep midnight purple. Dwarf habit with a high percentage of large fringed doubles. One of the deepest, yet pleasing colors in Petunias.

Sonata. Pure white. Huge deeply fringed, fully double flowers. Plant habit is semi-dwarf. Plants are more compact if pinched. The finest white in the entire All-Double class.

½ Tr. Pkt. (500 seeds)\$2.75 Tr. Pkt. (1000 seeds)\$ 4.50
1/128 oz. 8.50 1/64 oz. 16.00
1/32 oz.\$29.50

Glorious Mixture. An excellent formula mixture made up of the above varieties.

½ Tr. Pkt. (500 seeds)\$2.25 Tr. Pkt. (1000 seeds)\$ 4.00
1/128 oz. 7.60 1/64 oz. 14.45
1/32 oz.\$28.00

BALLERINA

The only All America Petunia for 1952. F₁ Hyb. Soft Glowing Salmon. Dwarf.

½ Tr. Pkt.....\$1.35 Tr. Pkt.....\$2.50 1/128 oz.....\$4.50

CHOICE PETUNIAS

FOR POTS AND BEDDING

RUFFLED CALIFORNIA GIANTS (Hybrida grandiflora superbissima)

A.B.C. "Private Stock" (Dwarf). You will find this blend of California Giants highly desirable in 3-inch or 4-inch pots for Easter and early Spring sales. This strain is noted for its uniformly dwarf habit of growth and a high percentage of large, attractive flowers in a wide range of colors, including the lighter pinks and roses as well as the popular dark shades and bi-colors.

Dark Shades	Light Shades	Mixed
1/2 Tr. Pkt. ....75c	Tr. Pkt.	\$1.25
1/64 oz. ....\$2.70	1/32 oz. ....\$5.00	1/16 oz. ....\$9.00
Ramona Strain Dwarf Giant. Huge Giants of California flowers on dwarf, sturdy plants especially bred for pot plant culture; evenly and attractively ruffled, and of colors unsurpassed in Petunias. A most desirable strain.		
1/2 Tr. Pkt. ....65c	Tr. Pkt.	\$1.10
1/64 oz. ....\$1.50	1/32 oz. ....\$2.75	1/16 oz. ....\$5.25

Separate Colors

Copper Red (Dark). Copper red with dark throat. Some flowers measure 5 to 6 inches across.

Tr. Pkt.75c 1/64 oz.\$1.35 1/32 oz.\$2.65

Glamour. Large salmon-rose flowers with brown veining on white throat. A very free bloomer.

Tr. Pkt.75c 1/64 oz.\$1.75

Marilyn (Salmon Beauty). Brightest salmon pink. Varies from dark to light shades. Tr. Pkt.75c 1/64 oz.\$1.75

Prince of Wuertemberg. Deep red with dark throat.

Tr. Pkt.75c 1/64 oz.\$1.50

Princess of Wuertemberg. Rose Pink with veined dark throat.

Tr. Pkt.75c 1/64 oz.\$1.50

EXTRA DWARF FRINGED GRANDIFLORA

These recent Pan American introductions are a great improvement over the original Dwarf Erfurt type, however, we list with them a mixture of the original types.

Carmencita. Deep scarlet salmon deeply fringed flowers cover uniform dwarf plants. Perfect for pots. Hand pollinated seed.

Tr. Pkt.\$2.00 1/128 oz.\$3.50

Colorado Sunset. Bright light rose pink dwarf fringed. Vigorous and free blooming.

Tr. Pkt.\$2.00 1/64 oz.\$6.00

Dazzler. Free flowering, deep carmine-rose; fairly well fringed and very showy. Extra early and dwarf. This is a fine pot plant variety.

Tr. Pkt.60c 1/64 oz.\$1.10

Rosita. Soft rose pink with large ruffled and fringed flowers. Very dwarf compact and profuse blooming. An ideal pot plant.

Tr. Pkt.\$2.00 1/64 oz.\$6.00

Dwarf Erfurt. Mixed. A special mixture of the better original varieties of this type.

Tr. Pkt.75c 1/64 oz.\$1.75

SINGLE FLOWERED RUFFLED GRANDIFLORA

A.B.C. Dwarf Elks Pride. The DeLuxe of purple Petunias. Brilliant royal purple. Large flowers are borne profusely on upright growth. Excellent for pots, boxes and bedding.

Tr. Pkt.75c 1/64 oz.\$1.75
1/32 oz.\$3.00 1/16 oz.\$5.00

Burgundy. Strong burgundy or dark wine red. Varies a little in color. Large flowered with white throat.

Tr. Pkt.60c 1/64 oz.\$1.10 1/32 oz.\$1.85

Giant Flaming Velvet. Velvety blood red. Large flowered with good compact habit.

Tr. Pkt.75c 1/64 oz.\$1.75 1/32 oz.\$3.00

Snowstorm Improved. An A.B.C. introduction. Pure white. Very large flowered and profuse blooming which makes it very desirable for pot plants or bedding.

Tr. Pkt.80c 1/64 oz.\$1.90
1/32 oz.\$3.50 1/16 oz.\$6.00

White Cloud. All purpose dwarf white. Free flowering.

Tr. Pkt.50c 1/64 oz.\$1.65 1/32 oz.\$3.00



A. B. C. Private Stock

DWARF RUFFLED

Martha Washington. Nicely ruffled; light pink with dark veined throat; extra compact. 12 inches. Tr. Pkt.50c 1/32 oz.\$1.25

Garden Giants. An outstanding mixture containing a wide variety of bright color combinations. Plants form uniform well rounded mounds. Early flowering and continue until frost. Flowers hold their size and ruffling under adverse conditions. 12 to 15 inches. Tr. Pkt.\$1.00
1/64 oz.\$2.25 1/32 oz.\$4.00 1/16 oz.\$7.00

Little Giants. A new and desirable addition to Petunias. The plants are very compact and erect growing and literally covered with blooms when in full flower. The flowers are medium sized and well ruffled. Color ranges from a combination of pink and white to red and white. Excellent for either border or pots. 10 to 12 inches. Tr. Pkt.80c
1/64 oz.\$1.50 1/32 oz.\$2.60 1/16 oz.\$4.60

LARGE FLOWERING SINGLE FRINGED (Hybrida grandiflora fimbriata)

A.B.C. Fringed Snowstorm. Glistening white with a touch of yellow in throat. Abundant producer of medium to medium heavy fringed flowers, 2½ to 3 inches in diameter. Ideal for pots or bedding.

1/2 Tr. Pkt.65c Tr. Pkt.\$1.00
1/64 oz.\$2.25 1/32 oz.\$3.75 1/16 oz.\$6.75

Dainty Lady. Dark cream color. Contains the most yellow of any Petunia. Desirable as a pot plant, not however, recommended for bedding.

Tr. Pkt.50c 1/64 oz.\$1.50

Fluffy Ruffles. An excellent mixture containing many veined and bi-color shades not offered in separate colors. Flowers are fringed with many so heavily ruffled that they almost have the appearance of doubles.

Tr. Pkt.55c 1/32 oz.\$1.60 1/16 oz.\$2.70

Pink Triumph. Fine clear rose-pink with golden throat.

Tr. Pkt.50c 1/64 oz.\$1.40 1/32 oz.\$2.60

Scarlet Beauty. Bright scarlet rose with deep crimson veins. Deeply frilled.

Tr. Pkt.60c 1/64 oz.\$1.50

Theodosia (Reselected). Beautiful rose-pink with golden yellow throat. One of the choicest and largest rose Petunias available, either for pot plants or bedding.

Tr. Pkt.60c 1/64 oz.\$1.50 1/32 oz.\$2.80

White Beauty. Fringed clear white. Excellent for bedding.

Tr. Pkt.60c 1/64 oz.\$1.50 1/32 oz.\$2.80

White Mound. A fine fringed white with very uniform bushy habit. A recent introduction. Tr. Pkt.80c 1/64 oz.\$1.80 1/32 oz.\$3.30

A.B.C. Single Fringed Mixed. This is an extra free flowering, medium dwarf fringed Grandiflora strain. We strongly recommend it for growing young stock in flats and for bedding. Tr. Pkt.55c 1/32 oz.\$1.60 1/16 oz.\$2.70

**Petunia Bright Eyes**

- ✓ **Admiral Improved.** Considered the choicest of all the dwarf blue bedding Petunias. Flowers are medium size and beautifully ruffled. Exceptional for bedding or pots. Tr. Pkt.75c 1/64 oz.\$1.70 1/32 oz.\$3.00 1/16 oz.\$5.50 1/8 oz.\$9.00
- ✓ **Blue Bedder Imp. (New).** Mid-blue, more compact growing and a better color than the original. Very free flowering. Tr. Pkt.50c 1/8 oz.\$1.15 1/4 oz.\$2.00
- Blue Bedder.** Mid blue. Contains very little violet shading. Vigorous medium dwarf. Tr. Pkt.40c 1/4 oz.\$1.40 Oz.\$4.50
- ✓ **Bright Eyes.** Soft light rose-pink with white throat flowers cover the very dwarf uniform plants. Tr. Pkt.60c 1/8 oz.\$1.10 1/4 oz.\$2.00 Oz.\$6.00
- ✓ **Celestial Rose Improved.** Deep rose. One of the most popular with the trade. Tr. Pkt.50c 1/8 oz.\$1.10 1/4 oz.\$2.00 Oz.7.00

"REGULAR" OR TALL HYBRIDS (Petunia Hybrida)

These make a rather heavy spreading growth but not quite as much as the Balcony type. Plants bear many medium-sized plain edged single flowers even under the most trying weather and soil conditions. Ideal for bedding and borders. 20 to 24 inches.

- Blue Bee.** Bright violet-blue. Very similar to Viola Jersey Gem in color. Tr. Pkt.25c 1/4 oz.50c Oz.\$1.75
- Flaming Velvet.** Deep velvety blood red. Tr. Pkt.40c 1/4 oz.\$1.00 Oz.\$3.50
- Howard's Star Improved.** Rich reddish purple, starred and blotched white. Quite tall. Tr. Pkt.45c 1/4 oz.\$1.20 Oz.\$4.50
- Mars.** Large flowered, deep crimson. Tr. Pkt.50c 1/4 oz.\$1.25 Oz.\$4.50
- Radiance.** Bright cerise-rose with underlying salmon which intensifies its brilliance. Golden yellow throat. Tr. Pkt.40c 1/4 oz.\$1.00 Oz.\$3.25
- Topaz Rose.** Deep brilliant fiery rose. Topaz throat. Tr. Pkt.40c 1/4 oz.\$1.00 Oz.\$3.25

DWARF HYBRID PETUNIAS

(P. Hybrida Nana Compacta)

Most Widely Used Class for Bedding, Combination Work, and for Attractive Small Pot Plants

The dwarf compact habit and profuse blooming of this class makes them easily adaptable to wide and varied uses. Offer these to your customers by the flat. 12 to 16 inches.

✓ We've checked the best bedding varieties.

- ✓ **Cheerful.** Clear salmon-pink. Medium large flowers are produced abundantly on vigorous low spreading plants. Tr. Pkt.75c 1/16 oz.\$1.50 1/8 oz.\$2.20 1/4 oz.\$3.85

Cream Star. Soft creamy white Flowers bluntly star shaped. Tr. Pkt.50c 1/8 oz.\$1.15 1/4 oz.\$2.00

English Violet. The same pleasing shade of violet blue as the violet for which it was named. Tr. Pkt.50c 1/8 oz.\$1.15 1/4 oz.\$2.00

Fire Chief (New). All-American Gold Medal winner 1950. Brilliant scarlet red. A new color in this class. Tr. Pkt.50c 1/32 oz.\$1.25 1/16 oz.\$2.25 1/8 oz.\$4.00

Glow. Striking carmine red. One of the richest colors in the class. Doesn't fade. Tr. Pkt.35c 1/16 oz.\$1.25 1/8 oz.\$2.00 1/4 oz.\$3.75 Oz.\$13.50

Glowing Rose. Very brilliant rose with large flowers. Uniform well-rounded plants. Very early. Tr. Pkt.50c 1/8 oz.\$1.65 1/4 oz.\$3.52

- ✓ **Heavenly Blue.** Medium to light silvery blue. Tr. Pkt.40c 1/8 oz.95c 1/4 oz.\$1.65 Oz.\$5.00

Igloo. Creamy white. 1 1/2 inch flowers with pale yellow throats cover the uniform compact plants Tr. Pkt.50c 1/8 oz.\$1.10 1/4 oz.\$2.00

- ✓ **King Henry.** Rich velvety red. Uniform dwarf and large flowered. Outstanding for pot plants. Tr. Pkt.75c 1/32 oz.\$1.40 1/16 oz.\$2.50 1/8 oz.\$4.65 1/4 oz.\$9.00

Rose of Heaven. Brilliant rose pink. Tr. Pkt.35c 1/4 oz.\$1.00 Oz.\$3.00

Rosy Morn Improved. Clear rose-pink with white throat. An old favorite. Tr. Pkt.50c 1/4 oz.\$1.20 Oz.\$3.65

Snow Queen. Dwarf pure white. Vigorous and free flowering. Tr. Pkt.40c 1/4 oz.\$1.50 Oz.\$5.00

- ✓ **Snow White.** Its compact floriferous habit admirably suits border and pot plant requirements. Tr. Pkt.40c 1/4 oz.\$1.30 Oz.\$3.80

- ✓ **Topaz Queen.** This brilliant scarlet rose Petunia is one of the brightest colors in the bedding class. Tr. Pkt.40c 1/4 oz.\$1.75 Oz.\$6.00

Twinkles. Small flowered, bright rose, starred white. Tr. Pkt.50c 1/4 oz.\$1.65 Oz.\$5.00

- ✓ **Velvet Ball.** Large flowered velvety crimson. Dwarf spreading habit. Excellent for bedding. Tr. Pkt.75c 1/32 oz.\$1.40 1/8 oz.\$4.80

Violacea. Fairly dwarf rich violet-blue. Tr. Pkt.40c 1/4 oz.\$1.25 Oz.\$4.00

Violet Blue. Rich violet with a bright blue cast. Tr. Pkt.40c 1/8 oz.80c 1/4 oz.\$1.40 Oz.\$4.80

Finest Dwarf Mixed. A special formula mixture. Tr. Pkt.30c 1/4 oz.80c Oz.\$2.80

REGULAR HYBRIDS (Continued)

- White King,** pure white. Tr. Pkt.30c 1/4 oz.60c Oz.\$2.00
- Exquisite Mixture.** A formula mixture made up of the finest varieties. Tr. Pkt.25c 1/4 oz.65c Oz.\$2.35

BALCONY PETUNIAS (Petunia Hybrida Pendula)

Strong spreading growth and large single plain edged flowers make the Balcony type excellent for bedding, porch and window boxes. 18 to 24 inches.

Black Prince. Deep mahogany-red. A much darker red than crimson. Tr. Pkt.35c 1/8 oz.\$1.00 1/4 oz.\$1.80

Blue. Mid-blue shade.

Crimson	Rose	White	Mixed
Tr. Pkt. ....35c	1/4 oz. ....\$1.40	Oz. ....\$5.00	

PHLOX DRUMMONDI

GRANDIFLORA

Well branched plants with large clusters of bright colored flowers. While generally used for summer bedding, retail growers can get a profitable cut flower crop in May from a December sowing. 15 inches.

Alba. White.	Cinnabar. Rich scarlet.
Brilliant. Clear rose. Dark eye.	Isabellina. Primrose-yellow.
Carnea. Flesh-pink with rose eye.	Rosea. Rose-pink shading deeper in center.
Chamois Rose. With carmine eye.	Splendens. Brilliant scarlet.
	Violet. White eye.
Tr. Pkt.....40c 1/4 oz.....90c Oz.....\$2.70	
Special Mixed. Tr. Pkt.....30c 1/4 oz.....70c Oz.....\$2.00	

GIGANTEA

The individual flowers are larger than the Grandiflora type, and are produced freely on strong, upright plants. 10 inches.

Red Glory. Bright red with white eye.	Salmon Glory. Soft rich salmon pink with creamy white eye.
Rosy Morn. Rose-pink with eye.	Art Shades Mixed.
Tr. Pkt.....40c 1/4 oz.....\$1.00 Oz.....\$3.00	

NANA COMPACTA (Dwarf)

The symmetrical dwarf, compact plants are especially suited for bedding rock garden and pots. 6 inches.

Apricot.	Isabellina. Primrose yellow.
Atropurpurea. Reddish purple.	Miriabilis. Carmine red, white eye.
Chamois Rose. Carmine eye.	Snowball. Pure white.
Coerulea Oculata. Blue, white eye.	Violet.
Fireball. Fiery scarlet.	Mixed.
Tr. Pkt.....40c 1/4 oz.....\$1.00 Oz.....\$3.25	

CECILY MIXED

Attractive colors in a semi-dwarf mixture.

Tr. Pkt.....40c 1/4 oz.....\$1.00 Oz.....\$3.20

POPPY (Papaver)

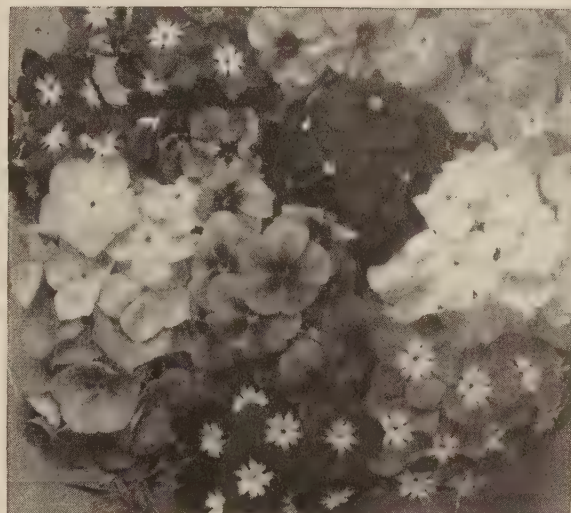
ICELAND (P. Nudicaule)

The standard type for greenhouse spring forcing. Sow either direct or in pots and transplant.

The Emperor. Brilliant orange. Large flower and long, stiff stems.
The Empress. Same as above but in salmon-rose shades.
Art Shades Mixture.
Tr. Pkt.....30c 1/4 oz.....85c Oz.....\$2.50



Eriksson's Primula Malacoides



Phlox Drummondii Mixed

POPPY (Continued)

	Tr. Pkt.	Oz.
SHIRLEY (P. Rhodeas)		
American Legion. Single orange-scarlet.....	20c	\$0.85
Sweet Briar. (Double Begonia-flowered.) Deep rose-pink	20c	1.20
A. B. C. Shirley Mixture. Single flowered, all colors...	20c	90

PERENNIAL POPPY—See Page 38.

PORTULACA

Very excellent easily grown outdoor bedding plant. Will flower 30 to 45 days from sowing in late spring or early summer.

DOUBLE MIXED

Tr. Pkt.....30c 1/4 oz.....\$1.10 Oz.....\$3.70

SINGLE

Jewel. Very large flowers of brilliant crimson color.
Tr. Pkt.....50c 1/8 oz.....\$1.10
Mixture. Tr. Pkt.....25c 1/4 oz.....80c Oz.....\$2.70

PRIMULA

For better germination put Primula seed in a refrigerator for a week or ten days.

MALACOIDES

Sow seed in May or June in light sandy soil for fine plants for St. Valentine's Day and spring sales. Light, air and low temperature are the main things to check carefully. Do not let the plants get too dry between waterings.

ERIKSSON'S IMPROVED

Finest Mixed. A well balanced blend of colors.
Tr. Pkt.....\$1.25 1/64 oz.....\$4.00 1/32.....\$7.50

BODGER'S GIANT

Single Mixed. Includes many new shades. Tr. Pkt.....\$1.00

ABC PRIMULA MALACOIDES

Glory of Riverside Imp. An excellent variety with beautiful salmon-rose flowers.

White Giant. Pure white; large flowers and heavy stems.

Brilliant Imp. Flowers open lavender—turn to dark velvety red.

Mrs. Eriksson of Riverside. Large flowers of deep rose-red on compact plants of medium height.

Lavender. Bright orchid-lavender. An improved Rosea Superba.

Mixture. Our own balanced formula mixture.

Prices of above: Tr. Pkt...\$1.00 1/64 oz....\$2.75 1/32 oz....\$5.00
--

OBCONICA. See next page.



Salpiglossis "Vesuvius"

OBCONICA

A sowing in late January or February will make choice pot plants for Christmas.

Better Days. Deep carmine red.	Mohnstein's Dark Red.
Coerulea. Clear blue.	Mueller's Rose. Pure rose; choice.
Fasbender. Rich deep red.	Snowstorm. Pure white.
Lachrosa. Salmon-rose.	M. M. Choice Colors Mixed.
Tr. Pkt.....\$1.30 1/64 oz.....\$2.40 1/32 oz.....\$4.40	
Wyaston Wonder. Bright crimson.	
Tr. Pkt.....\$1.30 1/64 oz.....\$3.00 1/32 oz.....\$5.50	

RICINUS (Castor Beans)

Tall large-leaved plants having a tropical appearance.

Zanzibariensis Mixed. Foliage all green. 10 to 12 ft.
Oz.....30c 4-oz.....90c

RUDBECKIA

Starlight. Primrose yellow to mahogany and bicolors, with mahogany centers. Very fine.

Tr. Pkt.....35c 1/4 oz.....\$1.00 Oz.....\$3.00

SALPIGLOSSIS

Some very attractive colors for summer cutting and spring flowering under glass. Especially valuable for retail growers.

Dwarf Mixed. A choice mixture for bedding.
Tr. Pkt.....20c 1/4 oz.....40c Oz.....\$1.35
Vesuvius (New). Gold and silver on a violet purple background. 30 in.
Tr. Pkt.....25c 1/4 oz.....55c Oz.....\$2.00
Emperor Mixed. A tall mixture of all colors.
Tr. Pkt.....25c 1/4 oz.....40c Oz.....\$1.10

SALVIA

One of the most brilliant bedding plants. Blooms from early summer until frost. Bottom heat will give better germination.

	Tr. Pkt.	1/4 oz.	Oz.
America (Globe of Fire)	50c	\$1.50	\$5.00
Blaze of Fire	85c	2.00	6.50
Bonfire (Clara Bedman)	50c	1.50	5.00
Firebrand. Extra early. Very dwarf; scarlet.....	75c	2.00	6.50
St. John's Fire. Very early, dwarf, compact plants.			
1 ft.	75c	2.50	8.00
Splendens. Tall growing	50c	1.35	4.00
Zurich. Dwarf, early	50c	1.30	4.50
Farinacea (Blue Bedder). Rich deep blue	35c	1.10	3.50

SANVITALIA (Creeping Zinnia)

Procumbens Fl. Pl. Bright yellow double flowers; for edging. 6 inches.
Tr. Pkt.....25c 1/4 oz.....50c Oz.....\$1.75

SAPONARIA

VACCARIA. Gypsophila-like flowers. 18 inches.
Rosea. Oz.....25c 4 oz.....85c

SCABIOSA

An easily grown free-flowering cut flower having long stems and a wide range of desirable colors. Sow in March for late spring greenhouse crop or outdoors for summer cutflowers.

Blue Moon. Attractive lavender-blue color with extra large fully double flowers and long wiry stems.

Tr. Pkt.....25c 1/4 oz.....65c Oz.....\$2.25

Oxford Blue. (New). Deep rich campanula blue.
Tr. Pkt.....20c 1/4 oz.....30c Oz.....\$1.00

Ageratum Blue. Azure Blue. **Loveliness.** Deep salmon-pink.

Fire King. A bright scarlet. **Rose.**

King of the Blacks. Deep rich maroon. **Shasta Improved.** Fine pure white.

Giant Hybrid Mixture. A special strain containing only the new large flowered varieties. Well balanced in good cut flower colors.

Tom Thumb Mixed. Compact, dwarf plants for bedding and edging. 10 in.

Tr. Pkt.....20c 1/4 oz.....30c Oz.....85c

SCHIZANTHUS (Butterfly Flower)

Bushy plants with finely laciniated foliage and butterfly-like flowers. Seed sown in January and plants pinched once make ideal medium sized pot plants.

Mother's Favorite. A choice assortment of colors; exceptional as a pot plant for Mother's Day sales. 50c \$1.25

Dr. Badger's Improved Hybrids. Large flowers in choice colors. Habit medium dwarf. 35c \$1.10

A.B.C. Special Dwarf Mixed. Unexcelled for pot plants. 55c 1.75

Wisetonensis Mixed 50c 1.35 2.35

SHAMROCK

True Irish. Tr. Pkt.....20c Oz.....\$1.20

SMILAX

A fast growing vine with myrtle-like leaves. Valuable for floral decorations. Tr. Pkt.....40c 1/4 oz.....85c Oz.....\$2.35



Schizanthus Dr. Badger's Hybrids

Snapdragons

**FOR GREENHOUSE FORCING
PRODUCED BY SPECIALISTS**

NEW HYBRID SNAPS

Priscilla Ann (Yoder). Rich velvety crimson. The earliest of the Yoder varieties. Long, graceful spikes with large florets. Lip shows a little yellow at some seasons but not most of the year.

Prices of above Tr. Pkt. \$3.50

Maryland White (Winkler) Pure White. The result of ten years work for a quality white snap. It has been tested for several years by growers and praised highly.

HYBRID VARIETIES

The increased vigor and uniformity of growth plus the unusually long, well formed spikes of large florets, make the Hybrids outstanding. They are early and come back for a second crop.

PINK AND ROSE

	Tr. Pkt.
Better Times (Windmiller). Bright rose-red.....	\$2.00
Christina (Yoder). Light pink. Sold out until June.....	3.00
Christmas Cheer (Windmiller). Bright rose-pink.....	3.00
Dorcas Jane (Burkey). Early, brilliant rose-pink.....	2.50
Mary Ellen (Yoder). Popular light clear pink. Long stems and spikes	2.50
Maryland Pink (Winkler). Early, light pink.....	3.50
Maxine . Silvery pink. Pkt.....	3.00

YELLOW

Ball Yellow No. 1 . Golden yellow.....	\$3.00
Gold Mine (Weddle). Deep golden-yellow.....	3.00
Goldrush (Winkler). Golden-yellow.....	3.50

WHITE

Snow Hybrid (Weddle). Fringed pure white. Midseason to late depending on climate.....	\$3.00
--	--------

RED

Ball Red No. 7 . Scarlet-crimson.....	\$3.00
--	--------

RECENT INTRODUCTIONS

F₁ HYBRIDS

Barbara (Yoder). A new bronze with long spikes, large florets with bright bronze lips, pink throat. Very early.

Indian Summer (Weddle). Medium bright bronze, lighter than Lady Dorothy. Early, yet strong and vigorous with strong stems and spikes with medium-size florets well spaced.

Jubilee (Winkler). A light apricot-bronze. Similar in shape of spike and growing habits to Goldrush.

Mountain Pink (Weddle). Clear medium-pink color identical to that of Cheviot Maid. Slightly later than Christmas Cheer. The first strong-growing hybrid in the medium-pink class.

Patricia (Yoder). Deep yellow hybrid, has Margaret characteristics of form and growth. Early.

Red Wing (Weddle). Deep velvety red. Far superior to any line-bred red snapdragon and equal to any hybrid introduced so far.

SELF-POLLINATED

Pamela Pink (Gilbert). An early winter-flowering variety. Good live medium pink with long flower spikes, very good stems and nice clean foliage.

Schumann's White. Has all characteristics of Schumann varieties. Large close-flowering pure white head, sturdy stem, no excess foliage, and will not shatter.

Prices on all above. Tr. Pkt. \$3.00

STANDARD SELF-POLLINATED VARIETIES

✓ **We have checked the standard varieties in greatest demand as a guide for those who are in doubt as to which varieties to grow.**

ADALINE (Armstrong). Late rose pink—best for Easter and Mother's Day. Schumann cross. Originator's Seed.

Tr. Pkt. \$3.00

PINK AND ROSE

	Tr. Pkt.
CHARM (Hodaly). New. Rich deep rose. Very large florets. Breaks low.	\$2.50
Cheviot Maid Reselected . Deep rose-pink.....	1.00
✓ Delworth's Supreme . Uniform, early deep rose-pink.....	1.50
Gilbert's Pink Supreme . Deep pink.....	2.00
Jersey Maid . True medium pink, lighter throat.....	2.00
Cincinnati . Light rose.....	1.00
✓ Peggy Schumann . Medium deep pink, early winter bloomer....	2.00
Rockwood's Pink Supreme . A brilliant rose-pink. Best from March to early June.....	2.00
Rose Queen . A fine deep rose.....	1.00
St. Louis Pink (Rowe). An exceptional light pink. Fine long spikes.	1.50

WHITE

	Tr. Pkt.
Feist's White (West Hills). White with yellow lip. Early.....	\$2.00
Koester's White . Very early ruffled white.....	1.50
Lucky Strike Improved . Early white, does not shatter.....	1.50
✓ Margaret (Yoder). Clean-growing ivory-white. Very popular....	2.00
Marion (Schumann). A fine white. Spring flowering.....	1.50
ROCKWOOD'S CRYSTAL WHITE . New. Pure white. Stems medium to tall. Recommended for late spring and summer, only.	3.00
Schlegel's White . Early, vigorous white.....	1.50
TOMMY ARMSTRONG . New. Excellent pure white with long stems and spikes.....	3.00
Westover's Fringed White . White with cream lip.....	1.50
✓ White Wonder Improved (Bezdek). Fine early white. Flowers from late December to early January.....	1.50

MIXTURE

A.B.C. Forcing Mixed. A special mixture of all varieties..... 75c

BRONZE

	Tr. Pkt.
✓ Afterglow . Golden bronze.....	\$1.00
Gilbert's Bronze Beauty	2.00
Glorious . Attractive reddish copper, yellow lip. Spring flowering.	1.00
Ideal Improved (Hodaly). Blend of carmine-rose, orange tipped lemon-yellow. White throat.....	1.50
✓ Lady Dorothy . Early. Glowing reddish bronze. Good winter bloomer.	3.00
Sunlight . Early. Golden bronze.....	1.00

YELLOW

	Tr. Pkt.
Carol Jean (Dornacher). Light yellow.....	\$2.00
Ceylon Court Dark . Golden yellow.....	1.00
✓ Ethel . Bright medium yellow. Very popular.....	1.50
Klondike Supreme . Deep yellow.....	1.00
Yellow Peggy Schumann	2.00
✓ Yellow Wonder Improved (Bezdek). Deep yellow, very early and good producer	1.50

LAVENDER

	Tr. Pkt.
Bertha Bauer . An old favorite lavender.....	\$1.50
Rockwood's Lavender Rose . A late spring and summer variety. Does well in hot weather when grown single stem.....	2.00
✓ Schumann's Lavender . An excellent spring flowering variety....	2.00
✓ Windmiller's Lilac . An early orchid of top quality.....	2.00
Witterstaetter's Orchid . Rich orchid.....	2.50

RED

Rockwood's Crimson Queen . Velvety crimson.....	\$2.00
✓ Shisler's Red . True, brilliant wine red.....	2.00
Velvet Beauty . Scarlet-crimson with velvety texture.....	1.00

Snapdragons



Tetra Snaps

TETRA MIXED (2 to 2½ feet)

The most satisfactory outdoor Snapdragon. Being a tetraploid, it is a vigorous grower, almost never crippled with rust, and these big husky plants sell quickly from flats. Florets are huge, mostly ruffled, and stay on the stem so that 12 inch flower spikes are usual. Colors cover the full range, with a majority of flowers richly veined.

Tr. Pkt.....50c ¼ oz.....\$2.00 Oz.....\$7.00

NANUM GRANDIFLORUM (1½ feet)

Dwarf plants especially suited for bedding and pots.

Amber and Gold. Terra cotta color.	Malmaison. Silver pink.
Carmine Rose. Bright carmine rose.	Wild Fire. Bright orange scarlet.
Red Boy. Rich deep red.	Choice Mixed.
Malmaison Rose. Bright rose.	
Tr. Pkt.....25c ¼ oz.....85c Oz.....\$2.75	

FOR OUTDOOR CUTTING, BORDERS AND BEDDING

All varieties are rust resistant except where noted

COLOSSAL (3 feet)

Finest Mixed. (New). Strain of tremendous vigor that produces strong stems with very large florets even under adverse conditions.

Tr. Pkt.....60c ¼ oz.....\$2.40 Oz.....\$7.50

MAXIMUM (2¾ feet)

The standard type for outdoor cutting and borders. Plants are base branching with fine spikes of large florets.

Alaska. White.	Daffodil. Yellow.
Appleblossom. Pink with white tube.	Indian Summer. Copper-rose scarlet.
Campfire. Luminous scarlet.	Loveliness. Soft rose-pink.
Canary Bird. Canary yellow.	Pink Sensation. Pure pink.
Copper King. True copper-scarlet.	Swing Time. Rose-pink.
Crimson. Fiery crimson.	Finest Mixed.

Tr. Pkt.....30c ¼ oz.....90c Oz.....\$3.20

Velvet Giant (not rust resistant) Deep rich crimson with velvety texture. Unusually large well placed florets make excellent spikes for cutting.

Tr. Pkt.....45c ¼ oz.....\$1.75 Oz.....\$5.25

MAJUS GRANDIFLORUM (2½ feet)

Not quite as tall or vigorous as the Maximum class, and florets are slightly smaller. Produce fine spikes for cutting.

Brilliant Rose. True rose pink.	Rosalie. Topaz rose with deeper center and gold suffusion.
Buttercup. Canary yellow, shading creamy yellow.	Scarlet (Defiance.)
Cherry Rose. Deep cherry rose.	Shasta. Pure white.
Harmony. Terra-cotta and yellow shaded rose.	Yellow Jacket. Deep yellow.
Padre. Outstanding rich crimson.	Special Mixed.
Pinkie. Clear pink.	University of California DeLuxe.
Reveille. Deep luminous yellow.	Mixture. An excellent blend of colors.

Tr. Pkt.....30c ¼ oz.....85c Oz.....\$3.20

SUPER MAJESTIC (16 to 20 inches)

A base branching type with blooms equal in size to the Maximum class, however the stems are of medium length.

Orange Shades. Deep to light orange.	Royal Crimson. Garnet crimson.
Rose Sensation. Rose-pink.	Finest Mixed.

Tr. Pkt.....40c ¼ oz.....\$1.10 Oz.....\$3.90

MAGIC CARPET (not rust resistant). An excellent mixture for edging, rock gardens and pots. 6 inches.

Tr. Pkt.....40c ¼ oz.....\$2.00 Oz.....\$5.50

STATICE

SINUATA

Kampf's Tall Improved. Extra long-stemmed deep blue.	Market Grower's Blue.
Lavender Queen.	Rosea Superba.
	Snow White.

Hybrid Mixture. A mixture of the above colors as well as new shades that add a bright variation to the mixture.

Tr. Pkt.....25c Oz.....55c 4 oz.....\$1.70 Lb.....\$5.00

BONDUELLI. Similar to Sinuata. Yellow. Tr. Pkt.....20c Oz.....45c 4 oz.....\$1.60 Lb.....\$4.80

SUWOROWII. Excellent for spring cutting. Tr. Pkt.....20c ¼ oz.....50c Oz.....\$1.40

STEVIA

Serrata. Fragrant white flowers. Tr. Pkt.....35c ¼ oz.....90c

THE NEW Vibra-Seeder SOWS SEEDS EVENLY, QUICKLY AND ECONOMICALLY

This battery operated seeder will sow row or flat in fraction of time normally required. A real time, labor and seed saver. Just press the button and move the seeder along the row. Seeds—either very fine, medium or heavy—will be laid down just where you want them—close together or widely spread.



VIBRA-SEEDER.

Without battery.
Each\$ 1.95
Dozen 15.60
Flashlight Battery.
Each12c
Dozen\$1.20

A. B. C. Column Stocks

A SUPERIOR NON-BRANCHING STRAIN

The one enormous spike produced by this strictly non-branching type permits close planting and makes a most profitable greenhouse crop for spring cutting.

Our seed is grown for us by specialists who through careful selection and special trials do everything possible to insure your getting a high percentage of doubles.

Make successive sowings for a continuous supply of fine spring cut flowers. Grow cool (below 60°) to prevent blindness.

✓ **We have checked the varieties which are in greatest demand.**

- American Beauty. Rich deep carmine rose.
 - ✓ Apricot No. 20. Large flowered creamy buff.
 - ✓ Ball's White Improved No. 16. Early long, compact spikes.
 - Chamois Rose. Rosy buff.
 - Dark Apricot. Darker than No. 20 Apricot. Long stems.
 - ✓ Dark Blue. A rather deep lilac.
 - Deep Rose. A deep selection of the popular rose pink.
 - Gardenia. Purest white, long spiked.
 - Pink Giant. (New). Clear rose pink. Long, stiff stems. Huge flower spikes.
 - ✓ Purple Heart. Bright purple. Long stems and large flowers.
 - ✓ Rose Pink.
 - Ruby. Rich crimson-red.
 - ✓ Silvery Lilac. Lilac-lavender.
 - ✓ Supreme No. 22. Bright silvery pink.
 - White Giant. (New). Pure white with no green centers. Huge flower spike.
 - ✓ Yellow Wonder. Rich creamy yellow.
 - Mixed. A special blend of all varieties.
- | | | | |
|-------------------|--------|---------------|---------|
| 1/2 Tr. Pkt. | .70c | Tr. Pkt. | \$ 1.15 |
| 1/4 oz. | \$2.75 | Oz. | \$10.00 |

Shell Pink. (New). Delicately shaded blush tone. Early blooming. Large florets. Fine under artificial light.

Tr. Pkt. \$1.25 1/4 oz. \$5.50 Oz. \$20.00



BRANCHING STOCKS

When planted almost as close as the non-branching type and topped when they are about 6 inches high, they will produce many good spikes per plant almost as tall as the non-branching stocks.

IMPROVED BISMARCK

Early large flowers on long stems make this type especially desirable for cutting whether they are grown in the greenhouse or outdoors. High percentage of doubles. 26 inches.

- Antique Copper. Fine copper red.
- Blood Red. Ruby color.
- ✓ Chamois. Fine clear chamois.
- Dark Blue.
- ✓ Elk's Pride. Rich purple.
- Finest Mixed. Tr. Pkt. 40c 1/4 oz. \$1.20 Oz. \$3.80
- Tr. Pkt. 30c 1/4 oz. \$1.10 Oz. \$3.60
- Flesh. Delicate pink.
- Golden Ball. Ivory yellow.
- ✓ Lavender. Clear lilac lavender.
- ✓ Lilac. Bright deep lilac-blue.
- ✓ Rose. Fine bright rose.
- ✓ Shasta. Giant white.

GIANTS OF CALIFORNIA

Very early flowering with a high percentage of double mammoth flowers, these have the branching habit of the Bismarck. If planted close they will nearly attain the height of the Column Stock, approximately 2 1/2 to 3 feet.

- Golden Gate. Golden yellow.
- Mojave. Rich velvety-purple.
- ✓ Monterey. Bright pink.
- ✓ Pacific. Light blue.
- Redwoods. Blood red.
- Santa Barbara. Chamois.

GIANTS OF CALIFORNIA (Continued)

- ✓ Santa Maria. Pure white.
- Sequoia. Rich sparkling carmine.
- Tr. Pkt. 40c 1/4 oz. \$1.40 Oz. \$4.80
- ✓ Tahoe. Lavender.
- ✓ Yosemite. Rose.
- Splendid Mixture. Tr. Pkt. 30c 1/4 oz. \$1.20 Oz. \$3.90

BEAUTY OF NICE

Compact like the Ten Weeks Stocks, but not quite so dwarf. Plants have a pyramidal branching habit. Will flower in about 15 weeks from seed. 2 ft.

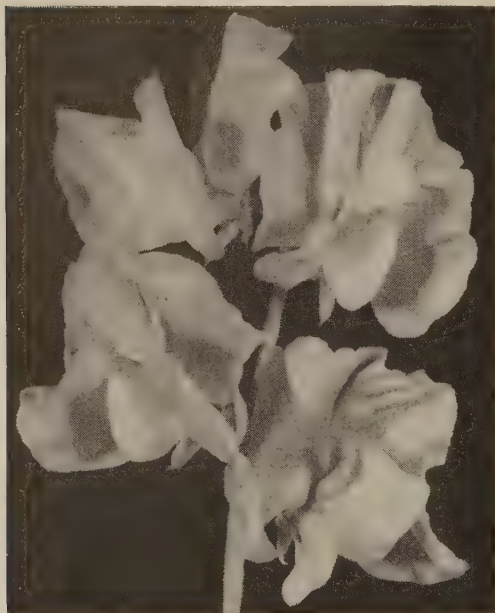
Finest Mixed. Tr. Pkt. 25c 1/4 oz. 65c Oz. \$2.35

TEN WEEKS

Dwarf, compact, and early; used for bedding and pot plants. Come into bloom about 10 weeks after seed is sown. 15 to 18 in.

- | | | |
|----------------------------|------------------|-----------------|
| Blood Red | Carmine Pink | Purple |
| Canary Yellow | Deep Rose | White |
| | Lavender | |
| Tr. Pkt. 30c | 1/4 oz. 65c | Oz. \$2.20 |
| Mixture. Tr. Pkt. 30c | 1/4 oz. 60c | Oz. \$1.90 |

Winter Flowering Sweet Peas



Early Sweet Pea

CERISE

- ✓ **Cavalcade.** Golden cerise. Large flowers and long stems.
- Pride.** Brilliant pure, deep cerise, extra long stems. Vigorous.

ORANGE

- Ball Orange Improved.** Early flowering clear orange. Long stiff stems.
- Helen Hayes.** Soft orange-salmon, extra long stems.
- ✓ **Treasure Island.** Sparkling golden orange. Large ruffled flowers.

WHITE AND CREAM

- Ball White.** Fine large flowered white, white seeded.
- ✓ **Hope Improved.** An exceptionally good white, black seeded.
- ✓ **Oriental.** Cream, black seeded. Wings are waved.
- Snow Drop.** Pure paper white, long stems, seeded.
- White Champion.** Pure white, long stems, white seeded.
- White Harmony.** Longest stemmed, black seeded white.

Prices on above except where noted: Oz.....55c 4 oz.....\$1.65 Lb.....\$6.00
 Finest Mixed. A special blend of the better varieties. Oz.....50c 4 oz.....\$1.50 Lb.....\$5.50

SPRING FLOWERING (Cuthbertson) SWEET PEAS

Unexcelled for spring forcing and outdoor culture

The spring-flowering types give a much heavier crop of longer stemmed flowers than the standard early-flowering types but come into bloom a little later. Seed should not be sown before October in the greenhouse for flowering during March, April and early May. Sown early outdoors they are superior to, and come into flower earlier than, the standard summer flowering varieties.

- | | |
|---|--|
| Billy. Bright cerise rose on salmon. | Hazel. Light blue. |
| Carol. Clear pink, white ground. | Helen. Blush pink. |
| Coline. Scarlet. | Janet. White, black seeded. |
| Donny. Navy Blue. | Jennie. Pure white, white seeded. |
| Evelyn. Salmon cream pink. | Jessie. Mauve. |
| Frank G. Clear lavender. | Lois. Clear rose pink. |
| | Tommy. Clear marine blue. |

Oz.....55c 4 oz.....\$1.65 Lb.....\$5.50

MIXTURE. A balanced blend of all colors.

Oz.....50c 4 oz.....\$1.50 Lb.....\$5.50

We offer only those varieties which produce large well formed flowers on good strong stems. An August 1st sowing should make Christmas while September sowings will flower from February on. For late spring cutting we suggest the Cuthbertson type.

- ✓ We have checked the most popular varieties in each color class.

SALMON PINK AND SALMON ROSE

- Boon.** Fine deep salmon-rose on cream.
- Daphne.** Soft salmon pink on cream ground. Large flowers.
- Miss Santa Maria.** Soft rose suffused salmon. Duplex flowers.
- ✓ **Sequoia.** Extra large flowered golden salmon rose.
- ✓ **Tops.** Salmon rose. Extra large ruffled flowers.

ROSE AND PINK

- American Beauty.** Fine American Beauty rose.
- Ball Rose Improved.** Deep bright rose. Strong free flowering habit.
- Ball Rose Queen.** Clear rose.
- ✓ **Bridesmaid.** Delightful silvery pink. Extra large flowers and long stems.
- ✓ **Coquette.** Coral pink with amber and salmon shading.
- Jeanne Mamitsch.** Clear rose. Long stems.
- Josie.** Clear rose pink. Very productive. Requires more headroom.
- Laddie Improved.** Extra long stiff-stemmed rose.
- Shirley Temple.** Soft rose pink. Flowers are large and frilled.

BLUE

- ✓ **Avalon.** Mid-blue. A shade deeper than Blue Danube.
- Blue Danube.** Showy clear deep blue. An excellent color.
- ✓ **Mrs. Hoover.** Early mid-blue. Strong growing and fine for spring.
- Tahoe.** Dark blue. Deeper than Mrs. Hoover. Excellent for spring.

LAVENDER AND PURPLE

- Amethyst.** Rich bright purple. Large fragrant flowers.
- Fragrance.** Fine lavender for spring flowering. Large ruffled flowers.
- Harmony.** Standard commercial lavender.
- ✓ **Rhapsody.** Deep rosy-lavender. Flowers are extra large.
- Triumph.** Soft lilac mauve. Stems are long. Very popular.
- ✓ **Twilight.** Medium clear lavender.

SCARLET AND MAROON

- ✓ **Bacchus.** Extra deep-red maroon with large flowers and good stems.
- Grenadier.** Intense poppy scarlet.
- Redwood.** Deep crimson. Extra large flowered.
- Sparks.** Bright orange scarlet.
- Top Sergeant.** Deep blood-red crimson.

SUMMER FLOWERING SWEET PEAS

THE BEST DOZEN VARIETIES

We list only those varieties which have proven outstanding in various trials.

- Capri.** A light blue. Long stemmed, vigorous grower.
- Highlander.** Clear deep lavender.
- Maytime.** Golden cerise. Large flowers on long stems.
- Patricia Unwin.** Golden salmon.
- Pinkie.** Excellent long-stemmed, large rose pink. Very productive.
- Rubicund.** Crimson scarlet.
- Shrimp Pink.** Soft silvery pink.
- Snow White.** A solid paper white throwing immense flowers.
- Sweet Afton.** Silver pink.
- Welcome.** Deep sun-proof scarlet.
- What Joy.** Rich deep cream, white seeded.
- Windsor.** Large flowered and heavy stemmed, clear mid-blue.

Oz.....30c 4 oz.....95c Lb.....\$3.10

FINEST MIXED. A fine combination of above varieties.

Oz.....25c 4 oz.....75c Lb.....\$2.40



Sweet Wivelsfield—Single Mixed

SWEET WIVELSFIELD (*Dianthus*)

Clusters of flowers similar to Sweet William, but larger and more varied in shades of pink, rose, crimson and scarlet. Make excellent cut flowers as well as bedding plants. 12 inches.

Single Mixed. Tr. Pkt.....	20c	
1/4 oz.....	40c	Oz.....\$1.10
Mixed Double. Tr. Pkt.....	30c	
1/4 oz.....	70c	Oz.....\$2.40

THUNBERGIA (*Black-Eyed Susan*)

A climbing vine which forms a dense mat of foliage covered with bright colored flowers with showy black centers. Excellent for ground cover, hanging baskets or window boxes. 5 ft.

Alata Mixed. Tr. Pkt.....	25c	Oz.....\$1.20
----------------------------------	-----	---------------

TITHONIA (*Mexican Sunflower*)

Brilliant Dahlia-like flowers. Tall plants of dark green foliage which are excellent for backgrounds as well as cutting. Blooms in the Fall.

Avalon Earliest. Flowers range from orange topaz through tangerine. Plants grow six to seven feet tall.

Tr. Pkt.....	25c	1/4 oz.....	55c	Oz.....	\$1.75
--------------	-----	-------------	-----	---------	--------

Torch. (New). Fiery scarlet flower. Early, compact and heat resistant.

4 ft. Tr. Pkt.....	50c	1/8 oz.....	\$1.25	1/4 oz.....	\$2.00
--------------------	-----	-------------	--------	-------------	--------

TORENIA

Fournieri Compacta. Excellent for spring pot plant sales. Medium blue with dark blotches on lip. Dwarf growing.

Tr. Pkt.....	60c	1/8 oz.....	\$1.40
--------------	-----	-------------	--------

VENIDIUM

Graceful brilliantly colored single daisy-like flowers on long stems. Plants are bushy. An excellent cut flower. 2 ft.

Fastuosum Hybrids. A most interesting and attractive mixture of colors ranging from silvery white down through various shades of cream and orange-salmon. Tr. Pkt.....

35c	1/4 oz.....	\$1.00
-----	-------------	--------

VERBENAS

A.B.C. GIANT FLOWERED

Dwarf colorful plants which are excellent as ground covers, for edging and rock gardens, as well as cutting. They like poor soil and stand dry conditions very well. 8 to 12 inches.

VERBENAS (*Continued*)

Annapolis Blue. True mid-blue.	Lucifer. Vivid scarlet.	
Beauty of Oxford Hybrids. Rose-pink to rose-red shades.	Mounty. Solid deep rose.	
Cerise Queen. Soft salmon cerise.	Royale. Royal blue, creamy eye.	
Crimson Glow. Self-color.	Rosea Stellata. Rose-pink, white eye.	
Dannebrog. Scarlet, white eye.	Spectrum Red. Intense bright red.	
Etna. Geranium red, cream eye.	Salmon Pink. White eye.	
Flamingo. Vivid rose-pink.	Violacea Stellata. Deep violet, white eye.	
Lavender Glory. True lavender.	White. Pure white.	
Luminosa. Luminous flame pink shading to salmon.	Choice Mixed.	
Tr. Pkt.....40c	1/4 oz.....80c	Oz.....\$2.65

COMPACTA

An extra dwarf type. Excellent for pot plants and edging. 4 to 6 in.

Dwarf Mixed. Tr. Pkt.....	40c	1/4 oz.....	\$1.10	Oz.....	\$3.30
----------------------------------	-----	-------------	--------	---------	--------

TALL ERECT

Royal Bouquet Mixture. Plants have very neat and compact habit. It is a continuous bloomer particularly adapted for bedding and borders. Mixture composed of a good range of colors including bright reds, deep blues, etc. 15 to 18 inches.

Tr. Pkt.....	50c	1/4 oz.....	\$1.25	Oz.....	\$4.00
--------------	-----	-------------	--------	---------	--------

VINCA ROSEA (*Periwinkle*)

Erect, bushy plants with glossy leaves and large bright single-flowers. Withstands hot weather. Requires a warm house and an early start. 18 inches.

Alba Oculata. White, rose eye.	Rosea. Pink.				
Alba Pura. Pure white.	Twinkles. Blush pink, red eyes.				
Crimson.	Finest Mixed.				
Tr. Pkt.....	30c	1/4 oz.....	70c	Oz.....	\$1.90

WALLFLOWER

An attractive crop of flowers may be had in early spring from an October sowing. Grown in shallow raised beds or flats. Very fragrant but fragile.

EARLY FORCING DOUBLE

Gold Standard	Mixed
Tr. Pkt.....25c	Oz.....85c

XERANTHEMUM (*Everlasting*)

Erect plants with silky foliage. The oldest and best known of the "everlastings."

Double Mixed. Tr. Pkt.....	15c	Oz.....	\$1.15
-----------------------------------	-----	---------	--------



Verbena ABC Giant Flowered



Zinnia Giant Mammoth

FANTASY

Medium sized shaggy flowers with curled and twisted petals. 2 ft.

Rosalie. Intense rose.	White Light. Pure white.
Star Dust. Deep golden yellow.	Wildfire. Dazzling scarlet.
Orange Lady. Deep bright orange.	Finest Mixed.
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.40	

MISCELLANEOUS TYPES

PERSIAN CARPET. (New). All-American Selection. Fully double, miniature type flowers of variegated golds, browns and oranges. Flowers on cutting stems on low mound-shaped plants.

Tr. Pkt.....40c	1/4 oz.....\$1.10	Oz.....\$4.00
-----------------	-------------------	---------------

PEPPERMINT STICK. (New). Medium-sized Pumila type flowers on tall, robust plants. Striped flowers in bright, mixed colors.

Tr. Pkt.....35c	1/4 oz.....75c	Oz.....\$2.40
-----------------	----------------	---------------

CUPID FINEST MIXED. Small button-like flowers. Dwarf, well formed plants. 1 ft. Tr. Pkt.....25c

1/4 oz.....45c	Oz.....\$1.25
----------------	---------------

DAVID BURPEE. Very large flowers with petals curled and quilled, giving the appearance of Chrysanthemums. Wide range of colors.

Tr. Pkt.....30c	1/4 oz.....55c	Oz.....\$1.60
-----------------	----------------	---------------

GAILLARDIA FLOWERED or NAVAJO MIXED. Resemble Picta Double Gaillardia in form and coloring.

Tr. Pkt.....35c	1/4 oz.....45c	Oz.....\$1.35
-----------------	----------------	---------------

GRACILLIMA (Red Riding Hood). Miniature bright crimson flowers about half the size of the Lilliputs. 1 ft.

Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.50
-----------------	----------------	---------------

HAAGEANA (Mexicana) HYBRIDS. An especially valuable class for bedding. Very free flowering, compact growth. Attractive colors.

Tr. Pkt.....30c	1/4 oz.....65c	Oz.....\$2.00
-----------------	----------------	---------------

LILLIPUT "TOM THUMB" MIXTURE. Desirable for rock gardens, pot plants and bedding. A good range of colors. 4 to 6 inches.

Tr. Pkt.....25c	1/4 oz.....40c	Oz.....\$1.20
-----------------	----------------	---------------

LINEARIS. The single flowers are a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal. Centers are dark brown. Early blooming. Tr. Pkt.....25c

1/4 oz.....65c	Oz.....\$2.00
----------------	---------------

Zinnias

One of the most popular and easily grown annuals, Zinnias grow in most any soil, but do best in a sunny location and thrive on heat. Under glass an April sowing will yield fine cut flowers in early June.

DAHLIA-FLOWERED

BODGER'S GOLD MEDAL STRAIN. Flowers are large and deep with rounded incurved petals. Well branched plants produce long sturdy stems, 2½ to 3 ft.

Canary Bird. Rich primrose-yellow.	Luminosa. Deep pink.
Crimson Monarch. Deep crimson.	Oriole. Orange and gold.
Dream. Fine deep lavender.	Polar Bear. Large white.
Eldorado. Salmon-apricot.	Purple Prince. Deep purple.
Exquisite. Fairly deep rose.	Scarlet Flame. Bright scarlet.
Golden State. Rich orange-yellow.	Will Rogers. Deep scarlet.
Illumination. Deep rose.	Gold Medal Mixed.
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.35	4 oz.....\$4.40
	Lb.....\$15.50

GIANT MAMMOTH

Immense double flat flowers with overlapping petals more loosely placed than the Dahlia flowered type. 3 ft.

Brightness. Bright deep rose.	Miss Willmott.
Cherry (Cerise) Queen. Cherry rose.	Orange King. Deep orange.
Daffodil. Bright canary yellow.	Purity.
Enchantress. Light rose, deep rose center.	Rose Queen. Bright rose.
Golden Queen.	Scarlet Queen.
Lavender Queen.	Violet Queen.
	Finest Mixed.
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.25	Lb.....\$14.50

BURPEE'S SUPER GIANTS

Very large flowers which have a pleasing diversity of petal and flower form in a wide range of colors. 3 ft.

Finest Mixed. Tr. Pkt.....40c	1/4 oz.....60c	Oz.....\$2.20
--------------------------------------	----------------	---------------

Floradale Scarlet. A new type of zinnia. The giant flowers have beautiful, long, ruffled petals.

Tr. Pkt.....35c	1/4 oz.....\$1.00	Oz.....\$2.90
-----------------	-------------------	---------------

PUMILA DWARF DOUBLE

(Cut and Come Again)

A most desirable type for bedding as well as cut flowers. Flowers about 2½ inches across are freely produced on long stems. 24 inches.

Canary-Yellow.	Crimson.	White.
Golden Orange.	Scarlet.	Mixed.
Spun Gold.	Salmon Rose.	
Sunshine Tints. Autumn tints of bronze golden yellow, apricot, and rich rose.		
Tr. Pkt.....20c	1/4 oz.....35c	Oz.....85c

LILLIPUT OR POMPON IMPROVED

Flowers are small, compact and symmetrical. Plants are dwarf and bushy. 18 inches.

Dainty Gem. Dainty bi-color rose.	Salmon Gem.
Black Ruby.	Scarlet Gem.
Canary Gem.	White Gem.
Crimson Gem.	Rosebud. Clear deep rose-pink.
Purple Gem.	Pink Gem. Deep flesh.
Golden Gem.	Valencia. Attractive burnt orange.
Lilac Gem.	Mixed.
Tr. Pkt.....30c	1/4 oz.....50c
Oz.....\$1.15	Lb.....\$10.90



ACHILLEA (Milfoil, Yarrow)

Ptarmica "The Pearl." One of the best hardy white perennials. Covered with heads of purest white double flowers from June until frost.

Tr. Pkt.....30c ¼ oz.....\$1.20

ACONITUM (Monkshood, Helmet Flower)

Napellus. Produces long spikes set with blue flowers. Seed is of slow germination; 3 to 5 feet. Tr. Pkt.....25c ¼ oz.....85c

AGROSTEMMA

Coronaria Atrosanguinea (Rose Campion). Deep blood red, 28 inch. Tr. Pkt.....20c Oz.....60c

ALYSSUM

Saxatile Compactum (Basket of Gold). An indispensable plant for the rockery or border, growing 1 foot high.

Tr. Pkt.....20c ¼ oz.....40c Oz.....\$1.10

ANCHUSA

Italica, Dropmore Variety. Grows 3 to 5 feet high; bears during May and June in abundance; flowers of the richest Gentian blue.

Tr. Pkt.....25c Oz.....\$1.75

Italica Opal. Light blue. 6 ft. Tr. Pkt.....25c Oz.....\$1.70

ANEMONE (Windflower)

St. Brigid. An excellent mixture of double and semi-double blooms in a wide range of brilliant colors. Flower from May to June. 1 ft.

Tr. Pkt.....60c ¼ oz.....90c Oz.....\$3.10

ANTHEMIS (Marguerite)

Kelwayii. A most satisfactory, hardy perennial bearing daisy-like lemon yellow blossoms. Excellent for cutting. 2 feet.

Tr. Pkt.....15c Oz.....65c

Tinctoria. Grows about 2 to 3 feet. Flowers yellow.

Tr. Pkt.....30c ¼ oz.....50c

A. B. C. "Supreme Quality"

HARDY PERENNIAL SEED

Perennial Borders Grown from A. B. C. Seed as shown in the illustration are in great demand.

Grow your Perennials in A. B. C. Plant Bands for better plants and bigger sales — See page 87.

AQUILEGIA (Columbine)

Alpina. Rich blue. Short spurred. 2 ft.

Tr. Pkt.....25c ¼ oz.....85c Oz.....\$3.00

Chrysantha. Golden yellow. Long spurred.

Tr. Pkt.....35c ¼ oz.....85c Oz.....\$2.85

Chrysantha Silver Queen. Silvery white. Long spurred. 2 ft.

Tr. Pkt.....35c ¼ oz.....90c Oz.....\$3.00

Coerulea. (Rocky Mountain Columbine). Violet-blue and white. April to July. 1½ to 2 ft.

Tr. Pkt.....35c ¼ oz.....80c Oz.....\$3.00

Crimson Star. Long spurred, rich crimson center. White.

Tr. Pkt.....50c ½ oz.....\$1.65

Mrs. Scott Elliot. Hybrids. Long spurred. Wide range of color.

Tr. Pkt.....40c ¼ oz.....\$1.10 Oz.....\$3.80

Rose Queen. Rose with white corolla.

Tr. Pkt.....35c ¼ oz.....\$1.15 Oz.....\$4.00

ARABIS (Rock Cress)

Showy dwarf spreading plants succeeding best in a sunny, well drained location. Blooms in early spring. Excellent for edging and rock gardens.

Alpina. Masses of white flowers. 8 to 12 inches.

Tr. Pkt.....25c ¼ oz.....60c 1 oz.....\$1.85

ARMERIA (Sea Pink)

Plants with tufted growth and globe shaped flowers borne well above the plants on stiff stems.

Formosa. Large flowering hybrids. About 2 ft.

Tr. Pkt.....40c ½ oz.....80c ¼ oz.....\$1.35

ASTER

Alpine Mixed. Tr. Pkt.....50c ½ oz.....\$1.00

AUBRIETIA

Dwarf spreading plants which are covered with masses of flowers in April and May. 6 inches.

Giant Flowered Hybrids. Mixed.....50c Tr. Pkt. ½ oz. \$1.00

BAPTISIA

Australis (False Indigo). Racemes of indigo blue. Pea shaped flowers.

Tr. Pkt.....25c Oz.....80c

BELLIS PERENNIS

Double English Daisy. Very large double bright colored flowers. They do best in moist, well drained soil. 6 inches.

Red.	Rose.	Snowball.	Mixed.
Tr. Pkt.....50c		¼ oz.....\$3.00	

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS**CAMPANULA (Biennial)****CALYCANTHEMA (Cup and Saucer)**

Similar to Single Canterbury Bells but with a large calyx which is the same color as the cup shaped corolla. Blooms in June. 2 ft.

Dark Blue	Lilac	Rose-Pink	White	Mixed
Tr. Pkt.....	25c	1/4 oz.....	60c	Oz.....
				\$1.70

MEDIUM SINGLE (Canterbury Bells)

Dark Blue	Lilac	Rose	White	Mixed
Tr. Pkt.....	20c	1/4 oz.....	30c	Oz.....
				.90c

MEDIUM DOUBLE (Canterbury Bells)

Rose	Blue	White	Mixed
Tr. Pkt.....	30c	1/4 oz.....	80c
			Oz.....
			\$2.80

CAMPANULA (Perennial)**PERSICIFOLIA GRANDIFLORA (Peach Bells)**

Bell-shaped flowers with peach-like leaves. Blooms from June to July. Fine stems for cutting. 2 ft.

Blue	White	Mixed
Telham Beauty. Immense bell-shaped flowers of a pale China blue, produced on long stems.		

Tr. Pkt.....	35c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.85
--------------	-----	-------------	--------	-------------	--------

PYRAMIDALIS (Chimney Bellflower)

Star-shaped flowers on tall plants which make good backgrounds. Blooms from August to September. 4 to 6 ft.

Blue	White	Mixed	
Tr. Pkt.....	35c	1/8 oz.....	\$1.00
		1/4 oz.....	\$1.85

ROTUNDIFOLIA (Blue Bells of Scotland)

Graceful, drooping mid-blue, bell-shaped flowers on slender stems. 12 inches.

Tr. Pkt.....	50c	1/8 oz.....	\$1.00	1/4 oz.....	\$1.75
--------------	-----	-------------	--------	-------------	--------

CANDYTUFT (See Iberis) Page 38**CARNATION****GRENADE**

A hardy type which is excellent for cutting. 2 ft.

Black King. Dark red.	White. Snow white.
Cardinal. Scarlet.	Golden Sun. Golden yellow.
Triumph Pink. Rose-pink.	Mixed.

Tr. Pkt.....	50c	1/4 oz.....	\$2.00	Oz.....	\$6.00
--------------	-----	-------------	--------	---------	--------

CERASTIUM

Tomentosum. (Snow in summer.) Foliage silvery white; white flowers.

Tr. Pkt.....	25c	Oz.....	\$2.00
--------------	-----	---------	--------

CHEIRANTHUS (Wallflower)

Allioni. Brilliant orange. 12 inches.

Tr. Pkt.....	20c	Oz.....	50c	4 oz.....	\$1.35
--------------	-----	---------	-----	-----------	--------

Golden Bedder. Golden yellow.	Tr. Pkt..	20c	Oz.....	\$1.00
--------------------------------------	-----------	-----	---------	--------

CLEMATIS

Paniculata. A popular vine. White flowers.

Tr. Pkt.....	15c	1/4 oz.....	30c	Oz.....	\$1.00
--------------	-----	-------------	-----	---------	--------

COREOPSIS (Perennial Calliopsis)

Mayfield Giant. Deep golden yellow. Large flowers.

Tr. Pkt.....	15c	1/4 oz.....	30c	Oz.....	.85c
--------------	-----	-------------	-----	---------	------

Double Sunburst. Deep golden yellow flowers.

Tr. Pkt.....	25c	Oz.....	\$1.20
--------------	-----	---------	--------

DAISY, SHASTA See Page 37

Delphinium

GIANT PACIFIC HYBRIDS

Black Knight Series. Darkest of all. Flowers 2 1/2 to 3 in., with heavy, velvety mixture.

Blue Bird Series. A white bee on the clearest medium blue petals.

Cameliard Series. Lavender self with white bee; perfectly formed flowers, round and flat. Spikes are uniformly in balance.

Galahad Series. Finest white, 3-inch flowers; pyramidal spikes. Good branching habit, strong stems.

Guinevere Series. Light pink-lavender with white bee. Large spikes. Excellent branching habit.

King Arthur Series. Royal violet with white bee. 2 1/2-inch flowers on thin woody stems with graceful foliage.

Lancelot Series. Clear lilac self, a rare color; white bee.

Percival Series. Glistening, white flowers with dark bees.

Round Table Series. A mixture of the originator's newest unnamed shades and types.

Summer Skies. Light blue with white bee. Flowers 2 to 2 1/2 inches in diameter.

Tr. Pkt....	\$1.25	1/8 oz....	\$2.50	1/4 oz....	\$4.00	Oz....	\$14.00
-------------	--------	------------	--------	------------	--------	--------	---------

GIANT PACIFIC HYBRID SHADES

Blue Shades.	Lavender Pastel Shades. Lavender
Clear White.	shades, dark bee.

Violet Shades. White bees.	V. & R. Mixture. All colors.
-----------------------------------	---

Each Tr. Pkt....	\$1.00	1/8 oz....	\$2.00	1/4 oz....	\$3.50	Oz....	\$12.00
------------------	--------	------------	--------	------------	--------	--------	---------

BLACKMORE & LANGDON'S HYBRID MIXTURE

American Grown Seed.

Tr. Pkt....	60c	1/4 oz....	\$1.00	Oz....	\$3.20	4 oz....	\$10.00
-------------	-----	------------	--------	--------	--------	----------	---------

CHINENSIS

A useful cut flower and effective in mass plantings.

Blue Mirror. Bright navy blue, spurless flowers. 15 inches.

Tr. Pkt.....	50c	1/4 oz.....	\$1.25	Oz.....	\$3.75
--------------	-----	-------------	--------	---------	--------

Cambridge Blue. Rich belladonna blue. 3 ft.

Tr. Pkt.....	35c	1/4 oz.....	65c	Oz.....	\$2.25
--------------	-----	-------------	-----	---------	--------

MISCELLANEOUS STRAINS

Belladonna Improved (Cliveden Beauty). A very select strain of brilliant turquoise blue.

Bellamosum Improved. A rich, deep blue.

Tr. Pkt.....	40c	1/4 oz.....	90c
Oz.....	\$3.00	4 oz.....	\$11.00
		Lb.....	\$36.00

Cardinale. Scarlet flowers, yellow center.

Tr. Pkt.....	40c	1/4 oz.....	85c	Oz.....	\$3.20
--------------	-----	-------------	-----	---------	--------

Lamartine. Fairly deep extra bright marine blue.

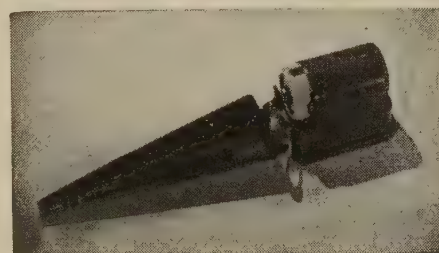
Tr. Pkt.....	50c	1/4 oz.....	\$1.40	Oz.....	\$4.85
--------------	-----	-------------	--------	---------	--------

Astolat Series. An entirely new Giant Pacific Hybrid varying in color from pale blush through lilac pink to deep raspberry rose. Large brown, fawn and black bees.

Tr. Pkt.....	\$1.75	1/8 oz.....	\$3.00	1/4 oz.....	\$5.00
--------------	--------	-------------	--------	-------------	--------

**THE NEW Vibra-Seeder SOWS SEEDS
EVENLY, QUICKLY AND ECONOMICALLY**

This battery operated seeder will sow row or flat in fraction of time normally required. A real time, labor and seed saver. Just press the button and move the seeder along the row. Seeds—either very fine, medium or heavy—will be laid down just where you want them—close together or widely spread.

**VIBRA-SEEDER.**

Without battery.

Each	\$ 1.95
Dozen	15.60

Flashlight Battery.

Each	\$0.12
Dozen	\$1.20

A. B. C. Supreme Quality Flower Seeds

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS



Gaillardia. Excellent for Cutting

DAISY, SHASTA

Diener's Giant Double White. Produces immense white flowers 4 and 5 inches across. Blooming over a period of several months, the flowers are almost fully double when plants become thoroughly established. Tr. Pkt.....50c 1/16 oz.....\$1.25 1/8 oz.....\$2.00

G. Marconi (Diener.) Excellent variety for greenhouse and outdoor culture. Produces giant double flowers of about 7 inches diameter. Stems 2 1/2 to 3 feet long. Originators Pkt.....60c

Alaska. The popular standard Shasta Daisy. Domestic seed. 3 ft. Tr. Pkt.....25c 1/4 oz.....50c Oz.....\$1.50

DIANTHUS (Hardy Pinks)

BARBATUS (Sweet William)

SINGLE

Dark Crimson.	Newport Pink. Salmon.	
Giant White.	Scarlet Beauty. Intense bright scarlet.	
Holborn Glory. Crimson,	Mixed.	
large white eye.		
Tr. Pkt.....35c	1/4 oz.....80c	Oz.....\$2.50

Single Midget Mixed. Lovely compact alpine plants 4 inches tall in a wide range of colors. Perfect for perennial border and used by many as a pot plant. Tr. Pkt.....50c 1/4 oz.....\$1.50 Oz.....\$4.50

DOUBLE

Mixed. Tr. Pkt.....40c 1/4 oz.....80c Oz.....\$2.90

PLUMARIUS (Clove Pinks)

Tr. Pkt. Oz.

Spring Beauty. A wide color range of large carnation-like flowers of giant size. Fragrant....(1/4 oz., \$1.50) 50c \$5.00

Scoticus Double Special Florist Strain.

Self colors of various tints of pink, rose, salmon and white, and the combination of these colors with bright crimson zones. Free flowering. 12-15 inch stems.
(1/4 oz., \$1.25) 40c 4.25
Single Mixed(1/4 oz., 50c) 20c 1.50

DIANTHUS VARIOUS TYPES—Continued

	Tr. Pkt.	Oz.
Delight. A hybrid between Sweet Wivelsfield and Dianthus Roysii. Flowers continuously cut of doors from June until October. Pink to deep purple.....(1/8 oz., \$1.00)	35c	....
Loveliness. Mauve-pink flowers of latifolius type. Pleasing fragrance .....(1/8 oz., \$1.25)	50c	....
Rock Garden Species Mixed. A special mixture containing varieties suitable for the rockery.....(1/4 oz., 85c)	25c	\$2.85

DICENTRA

	Tr. Pkt.	Oz.
Eximia. (Plumed Bleeding Heart). 12 in. (1/4 oz., \$1.10)	40c	\$3.90

DIGITALIS (Foxglove)

Gloxiniaeflora. Mixed spotted flowers:.....(1/4 oz., 65c)	25c	2.00
Shirley Mixed .....(1/4 oz., 70c)	30c	2.50

GAILLARDIA

	Tr. Pkt.	Oz.
Bremen. Copper-scarlet with yellow tipped petals. Long stems .....(1/4 oz., 70c)	30c	\$1.90
The Dazzler. Intense golden yellow with maroon center. Preferred by florists. 3 ft.....(1/4 oz., 60c)	25c	1.85
Portola Hybrids. Plants of strong, vigorous, upright habit. Red flowers tipped golden yellow. Strong stems. 2 1/2 to 3 ft.....(1/4 oz., 60c)	30c	1.95

GERBERA

Excellent for pots or cutflowers. (Greenhouse perennial).
Jamesoni. Hybrids. Mixed. 100 seeds 50c 1000 seeds 4.00

GEUM

	Tr. Pkt.	Oz.
Lady Stratheden. Large double flowers of rich golden yellow .....(1/4 oz., 75c)	30c	\$2.60
Mrs. Bradshaw. Large double scarlet.....(1/4 oz., 75c)	30c	2.60

GYPSOPHILA (Baby's Breath)

	Tr. Pkt.	Oz.
PANICULATA. Fine mist-like flowers which make excellent filler for bouquets.		
Single. Pure white.....(1/4 lb., \$1.75)	20c	60c
Double. Pure white.....(1/4 oz., \$1.35)	50c	\$4.50
PACIFICA. Small pink blooms borne profusely after the Paniculata varieties are past.....(1/4 oz., 85c)	25c	2.85
REPENS. Excellent for rock gardens or edging. 6 inches.		
White .....(1/4 oz., 75c)	25c	2.35
Rosea .....(1/4 oz., 90c)	30c	3.40

HEUCHERA (Coral Bells)

Dainty bell-shaped flowers on slender stems are held well above the light green, slightly hairy leaves. 18 in.
Tr. Pkt. Oz.
Sanguinea Splendens. Vermilion.....(1/16 oz., \$1.85) 50c
Sanguinea Hybrids. Mixed colors.....(1/16 oz., \$1.65) 50c

HIBISCUS (Mallow Marvels)

A shrub-like plant bearing huge single flowers in August and September. 4 ft.
Giant Mixed. Red, pink and white.....(1/4 oz., 50c) 25c \$1.35

HOLLYHOCK (Althea Rosea)

DOUBLE STRAINS

Chater's. The popular double in separate colors.

Bright Rose	Newport Pink	Scarlet
Lilac	Red	White
Maroon	Salmon-rose	Yellow
	Mixture	
Tr. Pkt.....30c	1/4 oz.....50c	Oz.....\$1.50

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS**Lathyrus (Hardy Sweet Pea)****Regale.** Easily grown from seed, flower the second season.

Tr. Pkt.....	25c	1/4 oz.....	50c	Oz.....	\$1.50
--------------	-----	-------------	-----	---------	--------

Tenuifolium (Coral Lily). Bears in profusion medium-sized flowers of perfect form and of dazzling coral red. May. 1 to 2 feet.

Tr. Pkt.....	35c	1/4 oz.....	85c	Oz.....	\$3.00
--------------	-----	-------------	-----	---------	--------

LINUM**Perene.** Attractive blue flowers produced on plants 2 1/2 ft. tall.

Tr. Pkt.....	15c	Oz.....	50c
--------------	-----	---------	-----

Flavum Nanum Compactum. Dwarf yellow continuous bloomer. 6 in.

Tr. Pkt.....	25c	1/4 oz.....	80c
--------------	-----	-------------	-----

LOBELIA**Cardinals (Cardinal Flower).** Fiery red flowers. 3 ft.

Tr. Pkt.....	35c	1/4 oz.....	\$1.25	Oz.....	\$3.75
--------------	-----	-------------	--------	---------	--------

LUNARIA**Biennis Alba (Honesty).** White flowers followed by silvery flat pods. Prized for winter bouquets.

Tr. Pkt.....	25c	1/4 oz.....	35c	Oz.....	\$1.25
--------------	-----	-------------	-----	---------	--------

LUPINUS (Polyphyllus)

Spike resembles a closely set, well rounded column of Sweet Peas.

Requires a well drained location and thrives in cool climate.

Russell Mixed. A wide range of extraordinary colors both selfs and bicolors.

Tr. Pkt.....	40c	1/4 oz.....	70c	Oz.....	\$2.20
--------------	-----	-------------	-----	---------	--------

LYCHNIS (Maltese Cross)**Chalcedonica.** Bright fiery scarlet flowers in June and July. 2 ft.

Tr. Pkt.....	30c	1/4 oz.....	50c	Oz.....	\$1.60
--------------	-----	-------------	-----	---------	--------

MATRICARIA (Feverfew)**Ball's Double White.** This is the only full double flowering pure white strain of Feverfew from seed. 18 inches.

Tr. Pkt.....	40c
--------------	-----

1/8 oz.....	\$1.10	1/4 oz.....	\$1.80	Oz.....	\$5.85
-------------	--------	-------------	--------	---------	--------

Golden Ball. Yellow. 8 inches.

Tr. Pkt.....	35c	1/4 oz.....	75c	Oz.....	\$2.50
--------------	-----	-------------	-----	---------	--------

MYOSOTIS (Forget-Me-Not)**Oblongata, Blue Bird.** Large deep flowers 3 to 4 months after sowing.

Also splendid for growing indoors during the winter. 12 inches.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$3.50
--------------	-----	-------------	--------	---------	--------

Alpestris, Royal Blue. Deep rich blue flower.

Tr. Pkt.....	30c	1/4 oz.....	85c	Oz.....	\$3.00
--------------	-----	-------------	-----	---------	--------

PENTSTEMON (Bearded Tongue)**Hybrid Gloxinoides Mixed.** Careful selection of the choicest Hybrids.

2 1/2 ft. Tr. Pkt.....	35c	1/4 oz.....	\$1.25
------------------------	-----	-------------	--------

PHYSALIS (Chinese Lantern Plant)**Franchetti.** Bright orange-scarlet lantern-like fruits which are used extensively for floral decorations.

Tr. Pkt.....	30c	1/4 oz.....	80c	Oz.....	\$2.50
--------------	-----	-------------	-----	---------	--------

PLATYCODON (Balloon Flower)**Grandiflorum.** Bell-shaped flowers on graceful stems from June to September. 2 ft.

	Blue		White		
Tr. Pkt.....	35c	1/8 oz.....	80c	1/4 oz.....	\$1.50

POPPY, ORIENTAL

Tr. Pkt. Oz.

Huge brilliantly colored cup-shaped flowers. A good percentage of plants will be true to color. 3 ft.

Brilliant. Bright fiery red.....(1/4 oz., \$1.65)	35c
--	-----	------

Princess Victoria Louise. Salmon.....(1/4 oz., \$1.90)	50c
---	-----	------

Scarlet .....(1/4 oz., 60c)	25c	2.00
------------------------------------	-----	------

Mixed. A selection of the finest varieties.(1/4 oz., \$1.10)	40c	3.70
---	-----	------

HOLLYHOCK—Continued**Imperator Improved.** Very large double fringed blooms in delicate tints shading from pink to cerise salmon. 5 to 6 ft.

Tr. Pkt.....	35c	1/4 oz.....	55c	Oz.....	\$1.85
--------------	-----	-------------	-----	---------	--------

Triumph. A mixture of rich colors. Large double flowers somewhat earlier and having a more dwarf, branching habit than others. 4 to 5 ft.

Tr. Pkt.....	35c	1/4 oz.....	50c	Oz.....	\$1.65
--------------	-----	-------------	-----	---------	--------

SINGLE**Allegheny Mixed.** Single and semi-double flowers in a wide range of showy colors. Tr. Pkt.....15c 1/4 oz.....30c Oz.....80c**IBERIS (Hardy Candytuft)****Gibraltarica.** Lilac shading white. Flowers large. Plants about 1 ft.

Tr. Pkt.....	25c	1/4 oz.....	50c	Oz.....	\$1.50
--------------	-----	-------------	-----	---------	--------

Sempervirens. The popular hardy white variety. 1 ft.

Tr. Pkt.....	50c	1/4 oz.....	\$1.25	Oz.....	\$4.50
--------------	-----	-------------	--------	---------	--------

LATHYRUS (Hardy Sweet Pea)**Latifolius.** A showy, free-flowering, climber for covering old stumps, fences, etc. Continually in bloom, fine for cutting.

Crimson	Pink Beauty	White Pearl	Mixture		
Tr. Pkt.....	25c	1/4 oz.....	35c	Oz.....	\$1.10

LIATRIS (Blazing Star, Gay Feather)**Pycnostachya.** Most showy and attractive with its long spikes of rosy purple flowers from July to September; 5 feet.

Tr. Pkt.....	25c	1/4 oz.....	85c	Oz.....	\$2.75
--------------	-----	-------------	-----	---------	--------

Scariosa. Deep purple flowers on graceful stems 3 to 4 feet high.

Tr. Pkt.....	40c	1/4 oz.....	\$1.00	Oz.....	\$2.85
--------------	-----	-------------	--------	---------	--------

Scariosa September Glory. Particularly valuable because it comes into flower all at once. September flowering on 6 ft. spikes.

Tr. Pkt.....	50c	1/4 oz.....	\$1.80	Oz.....	\$5.50
--------------	-----	-------------	--------	---------	--------

LILIUM**Longiflorum Praecox "White Queen."** One of the best lilies grown from seed. Excellent for cutting and pots.

Tr. Pkt.....	\$1.00	1/8 oz.....	\$2.50	1/4 oz.....	\$4.50
--------------	--------	-------------	--------	-------------	--------

Philippinense Formosanum. Large, white, long-trumpet-shape flowers, like an Easter Lily. Will bloom in 6 to 8 months from the time seeds are sown. Very fragrant. 2 to 3 feet.

Tr. Pkt.....	50c	1/4 oz.....	\$1.00	Oz.....	\$3.60
--------------	-----	-------------	--------	---------	--------

A. B. C. HARDY PERENNIAL and BIENNIAL SEEDS



Scabiosa House's Giant Hybrids

PRIMULA (Hardy Primrose)

Auricula Choice Mixed. Bright pastel shades. Fragrant flowers produced in April and May. 6 in.
Tr. Pkt.....75c 1/8 oz.....\$1.85 1/4 oz.....\$3.25
Bullesiana Hybrids. Shades of yellow, orange, apricot and carmine. May-June. 1 1/2 feet. Tr. Pkt.....50c
Chinensis Dazzler. Scarlet, single. Tr. Pkt.....\$1.00

PRIMULA POLYANTHA VERIS HYBRIDS

A.B.C. Private Stock. Exceptional wide range of brilliant colors. Plants compact with good stems. Tr. Pkt.....\$1.25 3 Tr. Pkts.....\$3.00

PYRETHRUM ROSEUM (Persian Daisy)

Atrasanguineum. Dark crimson. Single Mixed.
Rose. Bright rose.
Tr. Pkt.....50c 1/4 oz.....\$1.50 Oz.....\$5.00
Double Mixed. Tr. Pkt.....50c 1/4 oz.....\$2.50 Oz.....\$7.50
Parthenifolium Aureum (Golden Feather).
Tr. Pkt.....20c Oz.....\$1.00

RUDBECKIA (Cone-Flower)

Purpurea. Reddish purple with a remarkably large cone-shaped center of brown. Forms bushy plants and blooms from July to October. 3 ft.
Tr. Pkt.....25c 1/4 oz.....85c Oz.....\$3.00

SCABIOSA

An excellent cut flower with long wiry stems. Blooms from June to September. 2 to 3 ft.
Caucasica. Soft lavender-blue.
Tr. Pkt.....25c 1/4 oz.....75c Oz.....\$2.50
House Giant Hybrids. Colors from white to darkest blue. Very large flowers. Tr. Pkt.....40c 1/4 oz.....\$1.10 Oz.....\$3.70

COLUMBARIA

Lavender **Pink**
Tr. Pkt.....25c 1/4 oz.....75c Oz.....\$2.50

STATICE (Sea Lavender)

Splendid hardy perennial producing panicles of minute flowers which can be dried and used for winter bouquets.
Caspia. Lilac flowers. Very vigorous. 2 ft.
Tr. Pkt.....25c 1/4 oz.....80c Oz.....\$2.60

STATICE (Sea Lavender) Continued

Dumosa. Dense clusters of pure silver gray blooms; 30 inches.
Tr. Pkt.....40c 1/4 oz.....90c Oz.....\$3.20
Latifolia. Purplish flowers.
Tr. Pkt.....30c 1/4 oz.....70c Oz.....\$2.40

STOKESIA

Cyanea. Large lavender-blue flowers. 2 ft.
Tr. Pkt.....35c 1/4 oz.....85c Oz.....\$2.85

SWEET WILLIAM (See Dianthus Barbatus) Page 37

THALICTRUM (Meadow Rue)

Adiantifolium. Yellow flowers. 1 1/2 ft. Tr. Pkt....20c 1/4 oz....50c
Dipterocarpum. Graceful sprays of violet-mauve flowers. Fine for cutting. 4 ft.
Tr. Pkt.....50c 1/8 oz.....\$1.00

THERMOPSIS

Caroliniana. Showy long spikes of Lupin-like yellow flowers produced in June and July. Excellent for cutting. Seeds germinate slowly. 3 feet.
Tr. Pkt.....25c 1/4 oz.....65c Oz.....\$2.25

TRITOMA

Yellow to orange-red spikes of narrow, tubular flowers. Blooms from August to October. 3 to 4 ft.
Early Flowering Hybrids. A fine range of colors.
Tr. Pkt.....40c 1/4 oz.....85c Oz.....\$3.00
Pfitzer's Hybrids. Scarlet.
Tr. Pkt.....30c 1/4 oz.....70c Oz.....\$2.25

TROLLIUS (Globe Flower)

Seed should be frozen over winter for proper germination.
Ledebouri. Orange. 24 inches.
Tr. Pkt.....40c 1/16 oz.....90c 1/4 oz.....\$2.50
Europaeus. Yellow. Tr. Pkt.....40c 1/8 oz.....\$1.40

TUNICA

Saxifraga. A pretty tufted plant with light pink flowers produced all summer. Useful either for the rockery or the border. 10 inches.
Tr. Pkt.....35c 1/4 oz.....90c

VALERIANA (Valerian)

Mixed. Showy, hardy border plants producing large corymbs of red or white flowers. Fine for bouquets. 2 feet.
Tr. Pkt.....25c 1/4 oz.....75c

VERONICA (Speedwell)

Spicata. Has long spikes of bright blue flowers in June and July. 1 1/2 ft.
Tr. Pkt.....40c 1/4 oz.....90c Oz.....\$2.50

VIOLA

While smaller flowered than pansies, these tufted pansies are very free flowering and more persistent. Excellent for bedding. About 8 inches.

CORNUTA

	Tr. Pkt.	1/4 oz.	Oz.
Apricot. Beautiful rich apricot shades.....	55c	\$2.20	....
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant.....	50c	2.60	8.00
Blue Perfection. Light blue. Large flowered....	50c	1.75	5.50
Chantreyland. A perfect Viola, pure apricot...	60c	2.40	8.00
Jersey Gem. Compact habit, deep violet blue. 8 in.	50c	....	....
Lutea Splendens. Chrome yellow. 8 in.....	50c	1.40	4.50
Papilio. Deep violet.....	35c	1.25	4.00
White Perfection. White. Large flowered. 8 in.	40c	1.35	4.40
Special Mixture. Bright shades of self colors of red, yellow, blue and apricot.....	50c	1.50	5.00

JOHNNY JUMP UP TYPE

The individual flowers are a combination purple, blue and yellow.
Blue Elf 50c 2.25

A. B. C. Vegetable Seed

Spring plant sales mean added profits. You will be serving your own best interests as well as those of your customers by supplying superior quality plants. Don't make the mistake of jeopardizing your customers' satisfaction by offering plants grown from inferior seed. For continued repeat business from your trade, sow A.B.C. "Supreme Quality" Vegetable Seed.

This list contains some of the leading varieties in demand throughout the country. If you want some fine varieties which are particularly adapted to your section, we will supply you at prevailing market prices. Send us your list of requirements.

Note: The column headed DAYS refers to the number of days from sowing to marketable condition, except as noted. This is an average under normal conditions.

BEANS, Bush Green	Days	Lb.	5 lbs.	10 lbs.
Stringless Green Pod.....	53	50c	\$2.00	\$3.75
Topcrop. Early and productive...	48	50c	2.25	4.75

BEANS, Bush Wax				
Pencil Pod Black Wax.....	55	50c	\$1.85	\$3.75
Sure Crop Wax	55	45c	2.00	3.75

BEANS, Pole				
Kentucky Wonder	65	50c	\$1.85	\$3.50

BEANS, Lima				
King of the Garden (Pole).....	88	50c	\$2.00	\$3.75
Burpee's Bush Imp.....	75	50c	2.25	4.25

BEETS		Oz.	¼ lb.	Lb.
Crosby's Egyptian	58	15c	50c	\$1.50
Detroit Dark Red.....	55	15c	50c	1.50

BROCCOLI				
Green Sprouting Calabrese.....	75	50c	\$1.50	\$4.40

BRUSSELS SPROUTS	Days from setting plants			
Long Island Improved.....	90	65c	\$1.80	\$5.00

CABBAGE, Chinese	Days			
Michihli. Uniform sure heading...	70	50c	\$1.70	\$5.20

CABBAGE, Early	Days from setting plants	Oz.	¼ lb.	Lb.
*All Head Select.....	80	50c	\$1.50	....
Copenhagen Market	66	50c	1.55	\$5.00
Early Flat Dutch.....	71	50c	1.25	4.00
Early Jersey Wakefield.....	62	50c	1.25	4.00
Golden Acre	64	55c	1.55	4.40
*Marion Market	75	45c	1.50	4.50

CABBAGE, Late	Days from setting plants	Oz.	¼ lb.	Lb.
Danish Ballhead (Short Stem)....	95	50c	\$1.30	\$4.20
Mammoth Red Rock.....	100	50c	1.40	4.20
Premium Flat Dutch.....	105	50c	1.20	3.75
Savoy—Chieftain	88	60c	1.70	....
*Wisconsin All-Seasons	92	50c	1.50	4.50

*Indicates Resistant varieties.

CANTALOUPE (See Muskmelon).

CARROT	Days	Oz.	¼ lb.	Lb.
Cantenay. Red Cored.....	70	25c	75c	\$2.00
Danvers Half Long.....	75	25c	65c	1.75

CAULIFLOWER	Days from setting plants	½ oz.	Oz.
A.B.C. Super Snowball.....	55	\$2.00	\$3.50
Snowdrift	65	2.00	3.50

CELERIAC, Root Celery	Days	Oz.	¼ lb.
Large Smooth Prague.....	110	65c	\$2.00

CELERY		Oz.	¼ lb.	Lb.
Easy Blanching	110	80c	\$2.50	\$7.00
Golden Plume or Wonderful.....	85	90c	3.00	9.00
Golden Self Blanching. Short	90	1.00	3.00	9.00
Giant Pascal	140	1.00	3.00	10.00
Utah Green	130	80c	2.50	7.50

CHARD, Swiss		Oz.	¼ lb.	Lb.
Lucullus	60	25c	60c	\$1.75

CORN, Sweet		Lb.	5 lbs.	10 lbs.
Golden Bantam	80	55c	\$2.20	\$4.20
Marcross. Hybrid	72	60c	2.25	4.50
Golden Cross Bantam. Hybrid....	85	60c	2.25	4.50
Stowell's Evergreen. Late.....	100	40c	1.65	3.25

CUCUMBER

Burpee Hybrid. 60 days. Highly resistant to mosaic and downy mildew, this strain outyields the open pollinated varieties.
 ¼ oz.....\$1.50 ½ oz.....\$2.20 Oz.....\$4.25

	Days	Oz.	¼ lb.	Lb.
Chicago Pickling	60	30c	75c	\$2.00
Early Fortune	66	25c	70c	1.90
Long Green, Improved.....	68	40c	90c	2.75
Palmetta 62. Mildew Resistant....	67	45c	1.25	3.50
Straight Eight	66	40c	90c	2.75



Cabbage Golden Acre

A. B. C. Supreme Quality Vegetable Seeds

EGG PLANT	Days from setting plants	Oz.	¼ lb.	Lb.
Black Beauty	80	85c	\$2.50	\$6.50
Imp. New York Purple.....	83	85c	2.50	6.50

ENDIVE	Days	Oz.	¼ lb.	Lb.
Full Heart Batavian.....	90	25c	65c	\$2.00
Deep Heart Fringed.....	90	25c	65c	2.00

HERBS	Days	Oz.	¼ lb.	Lb.
Basil, Sweet. Tr. Pkt.....	20c	Oz.....		60c
Dill. Tr. Pkt.....	10c	Oz.....		25c
Sage Tr. Pkt.....	20c	Oz.....		50c
Savory, Summer. Tr. Pkt.....	20c	Oz.....		60c
Sweet Marjoram. Tr. Pkt.....	20c	Oz.....		75c
Thyme. Tr. Pkt.	20c	Oz.....		\$1.15

KALE OR BORECOLE	Days	Oz.	¼ lb.	Lb.
Dwarf Green Curled	85	35c	80c	\$2.50
Tall Green Curled Scotch.....	75	35c	80c	2.50

KOHLRABI	Days	Oz.	¼ lb.	Lb.
Early White Vienna (Short Top)...	55	40c	\$1.10	\$3.40
Early Purple Vienna	55	40c	1.10	3.40

LEEK	Days	Oz.	¼ lb.	Lb.
Large Flag	150	50c	\$1.50	\$4.50

LETTUCE, Head	Days	Oz.	¼ lb.	Lb.
Bibb	57	40c	95c	\$2.60
Big Boston	76	30c	85c	2.00
Great Lakes 6238	75	70c	1.90	5.60
Oak Leaf. Loose head.....	42	50c	1.40	4.50

LETTUCE, Leaf	Days	Oz.	¼ lb.	Lb.
Black Seeded Simpson	45	25c	70c	\$1.75
Grand Rapids Forcing	42	30c	75c	2.10

MUSKMELON	Days	Oz.	¼ lb.	Lb.
Hearts of Gold.....	100	30c	85c	\$2.50
Honey Dew	110	30c	85c	2.50
Honey Rock	85	30c	85c	2.50
Iroquois. Resistant	90	30c	85c	2.50
Rocky Ford	92	30c	85c	2.50

WATERMELON	Days	Oz.	¼ lb.	Lb.
Harris Earliest	78	25c	75c	\$2.00
Kleckley's Sweets	85	25c	75c	2.00
Stone Mountain	90	25c	75c	2.00

ONION	Days	Oz.	¼ lb.	Lb.
Ebenezer	100	40c	\$1.25	\$3.65
Southport White Globe	120	45c	1.00	3.50
Sweet Spanish	105	50c	1.00	3.50
Yellow Globe Danvers.....	110	45c	1.00	3.50

PARSLEY	Days	Oz.	¼ lb.	Lb.
Hamburg Rooted	90	30c	60c	\$1.75
Triple Curled Champion.....	70	30c	60c	1.75

PEAS	Days	Lb.	5 lbs.	10 lbs.
Laxtonian	62	40c	\$1.50	\$2.75
Little Marvel	64	40c	1.50	2.75
Nott's Excelsior	59	40c	1.50	2.75
Thomas Laxton	57	40c	1.50	2.75



Bibb Lettuce

PEPPER	Days from setting plants	½ oz.	Oz.	¼ lb.
Burlington. (Bull Nose).....	72	55c	\$1.00	\$3.00
California Wonder. Early	63	50c	90c	2.60
Golden California Wonder.....	68	55c	1.00	3.00
Ruby King	65	40c	70c	2.00
World Beater	70	40c	65c	2.00
Harris Early Giant.....	63	40c	70c	2.25
Large Bell (Bull Nose) (Hot).....	65	35c	60c	2.00
Red Chili	82	35c	65c	2.00
Sunnybrook, Tomato-shaped	73	50c	80c	2.25
Long Red Cayenne.....	72	35c	60c	2.00
Pimiento Perfection	75	45c	85c	2.20
Hungarian Yellow Wax (Hot).....	65	40c	70c	2.00
Hungarian Sweet	65	55c	1.00	3.20

PUMPKIN	Days	Oz.	¼ lb.	Lb.
Large Yellow or Connecticut Field.	70	15c	50c	\$1.50
Small Sugar or New England Pie..	75	15c	50c	1.50

RADISH	Days	¼ lb.	Lb.	5 lbs.
Cavalier. Excellent for forcing....	...	45c	\$1.40	....
Scarlet Globe (Short Top).....	23	50c	1.25	\$5.50
Scarlet Turnip (White Tip).....	25	40c	1.20	5.25
White Icicle (Short Top).....	25	45c	1.25	5.50
Round Black Spanish (Late).....	55	40c	1.25	....

RUTABAGA	Days	Oz.	¼ lb.	Lb.
American Purple Top	100	15c	35c	\$1.00

SPINACH	Days	¼ lb.	Lb.	5 lbs.
Bloomsdale, Long Standing.....	45	30c	70c	....
King of Denmark.....	48	30c	70c	....

SQUASH, Summer	Days	Oz.	¼ lb.	Lb.
Bush Scallop White.....	50	25c	65c	\$2.00
Crookneck	55	20c	50c	1.60
Prolific Straightneck	55	25c	65c	2.00

SQUASH, Winter	Days	Oz.	¼ lb.	Lb.
Acorn	60	25c	65c	\$2.00
Butternut	100	60c	1.60	4.50
Delicious	103	25c	65c	2.00
Golden Hubbard	100	25c	65c	2.00
Original Hubbard	105	25c	65c	2.00

SWISS CHARD—See Chard.



Tomato Ventura

TOMATO, SPECIAL FORCING

Michigan State Forcing. Rich deep scarlet. Heavy producer. Very generally grown. ¼ oz.....75c Oz.....\$2.60

Waltham Forcing Certified. Developed by Mass. Agr. Exp. Station. Heavy producer of 4-oz. scarlet fruits. Widely grown in the East. ¼ oz.....\$1.00 Oz.....\$3.00

TOMATO, A. B. C. SELECT STRAINS

Burpee Hybrid. 70 days. Earlier and more prolific than Marglobe or Rutgers. Highly disease resistant. Excellent for home garden, "green wrap," canning and long distance shipping. Tr. Pkt.....\$1.50
½ oz.....\$4.75 ¼ oz.....\$8.75 ½ oz.....\$16.50

TOMATO, A. B. C. SELECT STRAINS (Continued)

	Days from Setting Plants	Oz.	¼ lb.	Lb.
Beefsteak (Crimson Cushion)....	84	85c	\$2.75	\$8.00
Bonny Best—Red	73	70c	1.85	5.50
*Break O'Day	70	70c	2.00	6.00
Earliana	64	80c	2.40	7.20
Greater Baltimore. Midseason...	81	60c	1.70	5.50
John Baer—Red	73	65c	2.00	6.00
Jubilee—Yellow	72	85c	2.50	7.00
*Marglobe Supreme—Red	75	70c	2.00	6.00
Oxheart—Pink	90	\$1.00	3.50	10.00
Ponderosa—Pink	85	85c	2.75	7.75
*Pritchard—Red	75	70c	2.00	6.00
Rutgers—Red	73	65c	2.20	6.25
Stone Dwarf—Red.....	85	85c	2.40	7.50
Stone Improved. Med. Early Red	85	60c	1.85	5.50
Stokesdale—Scarlet	70	65c	2.00	6.25
Valiant. Early	70	75c	2.25	6.50
Ventura—Red. Early, blight re-				
sistant. Good shipper.....	65	1.20	4.00	12.00
Wisconsin 55. (New).....	75	80c	2.40	7.50
*Indicates Wilt Resistant varieties				

TOMATO, Small Fruited

Cherry—Red	75	75c	\$2.65	....
Pear—Red	75	75c	2.65	....
Plum—Yellow	75	75c	2.65	....
Yellow Husk or Ground Cherry.	85	75c	2.65	....

TURNIP

Purple Top White Globe.....	55	20c	45c	\$1.20
Early White Milan.....	45	20c	45c	1.20

A. B. C. LAWN SEED MAKES "Beautiful Lawns"

★ There is no substitute for quality in grass seed. Into the A. B. C. Mixtures are blended the finest available heavy weight seed—seeds of hardy perennial grasses that produce a deep-rooted permanent turf of real beauty.

Each year more florists and landscape gardeners sow our mixtures for best results. Despite the unstable, high prices of fine grasses, our formula has remained the same year after year except that we are now omitting clover as explained below.

A. B. C. SUNNY MIXTURE

Heavy weight Kentucky Blue Grass and Fancy Red Top blended with other fine grasses make this mixture outstanding.

	Per lb.		Per lb.
1 to 25 lbs.	90c	50 lbs.	88c
25 lbs.	89c	100 lbs.	87c

Sow 1 lb. of grass seed to 200 sq. ft.

150 pounds to one acre.

Many of our customers prefer mixtures without clover therefore we no longer include it in our mixtures. For those desiring clover we offer the finest grade of White Dutch Clover separately below.

Better results and more even distribution can be obtained by sowing clover separately. Use 4 ounces to every pound of grass seed sown.

FANCY WHITE DUTCH CLOVER

1 to 10 lbs.....	\$1.30
10 lbs. and over	1.25

NOTE: All prices are subject to change without notice.
Grass Seed prices are net cash. F. O. B. Chicago and New York.

A. B. C. SHADY MIXTURE

A specially prepared blend of shade loving grasses makes this mixture more suitable for shaded areas.

	Per lb.		Per lb.
1 to 25 lbs.	95c	50 lbs.	93c
25 lbs.	94c	100 lbs.	92c



A. B. C. "SUPREME QUALITY" GLADIOLUS BULBS

Grown Exclusively for Corms

For stock that incorporates the required vitality to produce real results, A. B. C. "Supreme Quality" Gladiolus Bulbs are recommended to the grower. With a total output of bulbs produced exclusively for bulb harvest only from young corms, we are ready to meet the requirements of growers who desire high quality at a fair price.

Grown Under Close Supervision

Bulbs furnished by us are produced in sandy loam ideal for their culture and are thoroughly cured before shipping. Our growers hold Agricultural Inspection Certificates that assures you the bulbs are free from thrips and other diseases.

PINK AND SALMON VARIETIES

	Per 1000	
	1½" up	1¼-1½" up
Bloemfontein—Salmon Orange, Yellow Throat.....	\$28.00	\$24.00
Chamouny—Rose—Silver Edge	25.00	22.00
Early Rose—Medium Rose—Very Early.....	20.00	18.00
Ethel Cave Cole—Fine Large Pink.....	22.00	19.00
General Eisenhower—Fine Begonia, Rose Large Flowers.....	30.00	25.00
Leeuwenhorst—Fine Large Hydrangea Pink.....	24.00	20.00
Margaret Fulton—Fine Coral Pink.....	22.00	19.00
Picardy—Fine Salmon Pink	30.00	25.00
President Truman—Beautiful Shell Pink.....	28.00	24.00
Rosa Van Lima—Fine Pink, lighter edge.....	22.00	19.00
Tivoli—Very fine, Soft Rose-Pink.....	30.00	25.00

RED AND SCARLET VARIETIES

Beacon—Tall Salmon-Scarlet Cream Blotch.....	22.00	19.00
Dr. Bennett—Ruffled, Fiery Red.....	22.00	19.00
Johan Van Konyenburg—Finest Garnet Red.....	25.00	20.00
Mansoor—Blood Red	28.00	24.00
Mrs. Marks Memory—Deep Purplish Violet.....	28.00	25.00
Majuba—Beautiful Scarlet	25.00	20.00
Nieuw Europa—Brick-Red	24.00	20.00
Red Charm—Fine Medium Red.....	25.00	20.00
Stoplight—Red	25.00	20.00
Valeria—Fine Commercial Scarlet	25.00	20.00

WHITE AND CREAM VARIETIES

Annamae—Pure White Early Bloomer.....	25.00	20.00
Corona—Fine Cream with Rose Edge.....	30.00	25.00
June Bells—Good White	27.00	24.00
Maid of Orleans—Large Commercial White.....	22.00	19.00
Margaret Beaton—Cream with Red Blotch.....	22.00	19.00
Morning Kiss—White Shaded Rose.....	28.00	24.00
Silver Wings—Largest Cream White.....	30.00	25.00
Snow Princess—Fine Commercial White.....	22.00	19.00
White Fantasy—Creamy White—Very Early.....	22.00	19.00
White Gold—Large, Early Cream-White.....	24.00	20.00

YELLOW VARIETIES

Gelber Herald—Ruffled Yellow	26.00	22.00
Gold Dust—Deep Yellow	22.00	19.00
Golden Favorite—Beautiful New Yellow.....	30.00	25.00
Hopman's Glory—Deep Yellow	28.00	24.00
Java—New Large Yellow	35.00	30.00
Miss Bloomington—Early Deep Lemon Yellow.....	20.00	16.00
Oregon Gold—Large Yellow	22.00	19.00
Spotlight—Yellow-Red Blotch	28.00	24.00
Yellow Herald—One of the best Yellow.....	28.00	24.00

LAVENDER AND PURPLE WHITES

Blue Beauty—Medium Blue	30.00	25.00
Cardinal Spellman—Large Violet-Purple	30.00	25.00
Elizabeth the Queen—Best of all Lavenders.....	24.00	20.00
King Lear—Early, Large Purple.....	24.00	20.00
Lavender Dream—Lavender	22.00	18.00
Modern Times—Carmine-Purple	24.00	20.00
Myrna Fay—Early Rosy Lavender, very good.....	25.00	20.00
Paul Rubens—Large Purple	25.00	20.00
Purple Supreme—Bright Purple	22.00	18.00
Ravel—The best of the Blues.....	45.00	40.00

MIXED

Finest Mixture—Selection of colors well blended.....	22.00	18.00
--	-------	-------



**Amaryllis, Giant American Hybrid**

Amaryllis (Giant American Hybrids)

The value of Amaryllis depends on the quality of the strain. We buy our bulbs from several sources of known reputation and mix these strains ourselves, thus making certain that you get the best obtainable. Every bulb we ship is of flowering size and many produce more than one flowering stem.

	Per 100	Per 1000		Per 100	Per 1000
2¼-2½ inch	\$13.00	\$120.00	3 -3¼ inch	\$28.50	\$275.00
2½-2¾ inch	16.00	150.00	3¼-3½ inch	36.00	350.00
2¾-3 inch	21.00	200.00	3½ inch up	43.50	425.00

Fancy Leaved Caladiums

Taking little care, they are ideal for the home, hotel, store or office. Use them for pot plants, window boxes, plant arrangements and wall brackets . . . and don't overlook recommending them for summer use outdoors.

	Per 100	Per 1000
1¼"-1½", 2nd Size	\$12.50	\$115.00
1½"-2½", 1st Size	18.50	175.00
2½"-3½", Jumbo	27.50	265.00
3½" up, MAMMOTH	37.50	365.00

CALADIUM ESCULENTUM (Elephant's Ear)

Much used for bordering Canna beds or sub-tropical plantings. Plants of these always find a ready sale.

	Per 100	Per 1000		Per 100	Per 1000
7 to 9 inch circum.....	\$9.00	\$80.00	9 to 11 inch circum.....	\$15.00	\$140.00

TUBEROSES

Our strain of "Pearl" is the true, large-flowered type, far superior to the old variety. Bulbs are clean and properly graded in sizes offered.

SINGLE

Per 100	\$ 5.00
Per 1000	45.00

DOUBLE PEARL

	Per 100	Per 1000
3 to 4 inches.....	\$3.75	\$32.50
4 to 6 inches, extra large.....	6.00	55.00

Large Flowering Cannas

STRONG NORTHERN GROWN — TRUE TO NAME

DORMANT ROOTS, 3 to 5 Eyes

Our Canna roots are strong, healthy, true Northern Grown. The varieties listed below have proven indispensable where large exhibition showings are needed. Early ordering is suggested, because of the great demand this year.

City of Portland. Deep pink. Green foliage 3½ feet. Extra good flower. Does not fade.

Copper Giant. Green foliage about 3½ feet tall and a very vigorous grower with large clear pink flowers.

Dorothy S. A new dwarf continuous flowering clear salmon red Canna. Produces large flowers and grows about 4 feet tall. Very vigorous and drought resistant.

Hungaria. 3½ feet. LaFrance pink.

King Humbert. This remarkable Gold Medal Canna has been the sensation of the past ten years and is the greatest favorite today. Handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. 4 feet.

The President. 4 feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. The President leads the red varieties in the quality and also the quantity of its bloom. The foliage is rich green and burn-proof in the hottest weather.

Rosemond Cole. Green foliage grows about 3 feet tall has a large Variegated red and orange flower and is a vigorous grower.

Yellow King Humbert. 4 feet. An orchid-flowering sport of the well-known King Humbert. Flower a deep, rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than a detriment. Green foliage.

PRICES—All above Cannas: Per 100.....\$6.00 Per 1000.....\$50.00

**Canna "The President"**

The Last Word in Red-Flowered, Green Foliage, Large-Flowering Cannas

MISCELLANEOUS BULBS FOR SPRING



Double Flowered Tuberous Rooted Begonia

Gloxinias

Our bulbs are of the highest quality grown for us by the best growers in Belgium. We offer superior varieties especially suited to greenhouse culture in the following colors:

Brilliant Red, Blue Bordered White, Red Bordered White, Dark Red, Blue, Violet Blue, Pure White, Pink Bordered White, Dark Pink, Light Blue and Mixture.

	Per 100	Per 1000
1 1/4-1 1/2 inch	\$ 9.00	\$ 80.00
1 1/2-2 inch	16.00	150.00
2 inch and up.....	21.00	200.00

GLOXINIA CULTURE

Gloxinias are fit companions for the tuberous rooted Begonias and the fancy leaved Caladiums. Their richly colored flowers are most outstanding. Start the tubers in 4-inch pots in a mixture of leaf mold, sand and a little well-rotted cow manure with good bottom heat. Keep shaded and as the leaves appear, be careful with the watering. You cannot do it with the hose, so make use of the old-fashioned way, the watering can, and go over each plant carefully, examine every one and don't apply water unless it is needed, on the other hand, they suffer every bit as much if they don't get water when ready for it, for they want a moist soil. Keep the leaves dry. It doesn't hurt to get them moist on a hot day early in the morning, but they soon go if you wet them every time you water the plants. They want a little shade most of all, but if you overdo it you may obtain foliage but no flowers.

Begonias

TUBEROUS ROOTED BEGONIAS

Belgian Grown

Large Flowering Type

With its bright colors, richness of foliage and easy culture it has become a favorite with the public in gardens and homes.

CULTIVATION. The begonia prefers partial shade and not too warm a place where they will give best results specially in wet summers. For cultivation in greenhouses, shade is necessary.

Forcing can be started in February, March or April, depending on the time they should be in flower. The bulbs are placed in boxes, on light porous soil close together, and then covered with earth to a depth of one inch above the bulb. The earth should be kept just moist, too much water will rot the bulbs.

When the plants begin to develop place them in pots.

DOUBLE CAMELIA FLOWERED

We offer the following colors:

Scarlet, Yellow, Copper, Rose, White, Salmon, Crimson and Mixed.

	Per 100	Per 1000
1 1/4-1 1/2 inch	\$ 7.00	\$ 60.00
1 1/2-1 3/4 inch	11.00	100.00
2 inch and up.....	13.50	125.00

DOUBLE FIMBRIATA—Mixed colors:

1 1/2 inch. Per 100.....	\$11.00	Per 1000.....	\$100.00
--------------------------	---------	---------------	----------



Large Flowering Gloxinia

ALL PRICES AND SUPPLY SUBJECT TO CROP CONDITIONS

"Supreme Quality" LILIES FOR

CROFT LILIES

We recommend customers desiring lilies for Easter 1952 to place their order immediately and we will do our part to see that the bulbs are delivered to you on time.

All Croft lilies Precooled before shipping.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case
- 10-11 inch—100 bulbs to case

ACE LILIES

A sport of Croft; exceptionally fine large blooms; blooms later than Croft under ordinary growing conditions. Some growers can bring in for Easter under special attention.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case

ERABU LILIES

Japanese Grown

- 7-9 inch—300 bulbs to case
- 8-10 inch—225 bulbs to case
- 9-10 inch—200 bulbs to case
- 10-11 inch—150 bulbs to case

GENUINE ESTATE LILIES

Guaranteed from originator's strain. A good lily for greenhouse forcing for cut; very desirable for outdoor planting. Grows taller than Croft and blooms later.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case

ROYAL KENYON DAVIS

Similar to Croft; blooms about ten days earlier. Purple stem; very desirable for Easter forcing.

- 7-8 inch—250 bulbs to case
- 8-9 inch—200 bulbs to case
- 9-10 inch—150 bulbs to case
- 10-11 inch—100 bulbs to case

EASTER

APRIL 5th — 1953

Reserve your lilies now for Easter blooming



Lilium Croft Precooled New Crop. We herewith show one of A. B. C. Fields of Croft Lilies in Bloom

FALL DELIVERY

JAPANESE GROWN

LILIAM RUBRUM

Grown in Japan, flowers are larger, more flowers; deeper in color than the strain grown in Holland.

7-9 inch—250 bulbs to case	10-11 inch—100 bulbs to case
8-9 inch—200 bulbs to case	11-13 inch— 90 bulbs to case
9-10 inch—140 bulbs to case	13-15 inch— 50 bulbs to case
9-11 inch—125 bulbs to case	

LILIAM GIGANTEUM

6-8 inch—400 bulbs to case	8-10 inch—225 bulbs to case
7-9 inch—300 bulbs to case	9-10 inch—200 bulbs to case

LILIAM AURATUM

7-9 inch—250 bulbs to case	9-11 inch—125 bulbs to case
8-9 inch—200 bulbs to case	11-13 inch— 90 bulbs to case
9-10 inch—140 bulbs to case	13-15 inch— 50 bulbs to case

AMERICAN GROWN

LILIAM REGALE

Crop good, bulbs oversized. From storage.

5-6 inch—500 bulbs to case	8-9 inch—200 bulbs to case
6-7 inch—250 bulbs to case	9-10 inch—100 bulbs to case
7-8 inch—250 bulbs to case	10-11 inch—100 bulbs to case

LILIAM FORMOSANUM Wilsoni

Early blooming type,
pure white.

4-5 inch 5-6 inch 6-7 inch

LILIAM FLORIDI

Early blooming type,
pure white.

7-8 inch 8-9 inch

LILIAM CANDIDUM (French Grown)

20-22 cm.	24-26 cm.	28-30 cm.
22-24 cm.	26-28 cm.	30 cm. and up

LILIAM LONGIFLORUM Perfection—Creole

6-8 inch	8-9 inch
7-8 inch	9-10 inch
10-11 inch	

LIL. TENUIFOLIUM (Coral Lily)

2½-3 inch	3-3½ inch
3½-4 inch	

AETHIOPICA (White)

For September Delivery
1¼-1½ inch 1¾-2 inch
1½-1¾ inch 2 -2½ inch
2½ inch up

CALLA

ELLIOTTIANA (Yellow)

1¾-2 inch	2½-3 inch
2 -2½ inch	3 inch up

HEADQUARTERS FOR AMERICAN AND HOLLAND GROWN SPRING-FLOWERING BULBS

TULIPS	NARCISSUS	CROCUS	CHIONODOXA	MUSCARI	RANUNCULUS	PAPER WHITES
HYACINTHS	IRIS	SCILLA	FREESIAS	ORNITHOGALUM	ANEMONE	AMARYLLIS

FRENCH ROMAN
HYACINTHS
CHINESE SACRED
LILIES



A section of one hun-
dred acres in Oregon
devoted to the pro-
duction of King Alfred

Narcissus for

The American Bulb Co.

**The Regale Lily****LILIUM CROFT**

Our supply comes from the oldest, most reliable and selected growers. This is because we are one of the "pioneers" in fostering production of the famous Croft Lily for commercial use. We offer the following sizes, all precooled at the proper temperature, to assure you good results.

	Per Case
7-8 inch, 250 to case.....	\$50.00
8-9 inch, 200 to case.....	77.00
9-10 inch, 150 to case.....	67.00

LILIUM ACE

A sport of Croft Lily, free-flowering, foliage much darker than the Croft, produces a good bud count. Under proper forcing conditions will bloom about two weeks later than the Croft. Unless you have proper forcing facilities, we do not recommend this Lily for Easter forcing.

	Per Case
7 to 8-in., 250 to case.....	Sold out
8 to 9-in., 200 to case.....	Sold out
9 to 10-in., 150 to case.....	Sold out

PRECOOLED SOUTHERN GROWN LILIES

	Per Case
6½- 7" 300 to case.....	Sold out
7 - 8" 300 to case.....	Sold out
7 - 8" 250 to case.....	Sold out
9 -10" 150 to case.....	Sold out
10" up 100 to case.....	Sold out

Less 5% discount in case lots.

Less 10% discount for 5 cases or more.

Lilies

FOR SUMMER BLOOMING

FROM COLD STORAGE

IMPORTED JAPANESE LILIES

LILIUM RUBRUM (Japanese Grown)

Per Case

7-9 inch, 250 to case.....	\$38.00
8-9 inch, 200 to case.....	38.00
9-10 inch, 140 to case.....	32.50
10-11 inch, 100 to case.....	30.00
11-13 inch, 90 to case.....	27.00
13-15 inch, 50 to case.....	27.00

LILIUM AURATUM (Japanese Grown)

7-9 inch, 250 to case.....	\$38.00
8-9 inch, 200 to case.....	35.00
9-10 inch, 140 to case.....	40.00
10-11 inch, 100 to case.....	40.00

LILIUM ERABU (Japanese Grown)

6 to 8 inch, 400 to case.....	Sold out
9 to 10 inch, 200 to case.....	Sold out
10 to 11 inch, 150 to case.....	Sold out

LILIUM GIGANTEUM (Southern Grown) (Japanese Grown)

8-9 inch, 225 to case.....	\$45.00
9-10 inch, 200 to case.....	50.00

LILIUM ALBUM (Japanese Grown)

7-9 inch, 250 to case.....	Sold out
----------------------------	----------

LILIUM TIGRINUM (Japanese Grown)

7-9 inch, 300 to case.....	\$40.00
10-11 inch, 100 to case.....	35.00

REGALE LILIES

	Per 100	Per 1000		Per 100	Per 1000
5- 6"	\$ 6.50	\$ 60.00	8- 9"	\$14.00	\$130.00
6- 7"	8.00	75.00	9-10"	18.50	175.00
7- 8"	11.00	100.00	10-11"	25.00	240.00

LILIUM TENUIFOLIUM (Coral Lily)

	Per 100		Per 100
3½-5"	\$7.50	5-6"	\$8.50

LILIUM FORMOSANUM WILSONI—White

	Per 100		Per 100		Per 100
4-5"	\$10.00	5-6"	\$12.00	6-7"	\$16.00

LILY-OF-THE-VALLEY PIPS

Re-selected Exhibition German

Sold Out

250, 500 Pips to the case. At Market Prices. They are available for immediate delivery from cold storage.

CHRYSANTHEMUMS—ROOTED CUTTINGS

LARGE FLOWERING STANDARD VARIETIES

SYMBOLS:

L—Large

M—Medium

S—Small

Inc.—Incurved

Ref.—Reflexed

†Recommended for pot culture

*Suitable for shading

()—Number of short days required to flower. Varieties so indicated are recommended for use in year round flowering program.

WHITE—STANDARDS

	Size & Type	Color	Flowering Date	50 per 50		Size & Type	Color	Flowering Date	50 per 50
*White Chief	M-Inc.		Oct. 20	\$3.50	Sterling	L-Inc.		Nov. 15	\$4.00
*Silver Sheen (56).....	M-Inc.		Oct. 20	2.75	†*Marketeer (76)	M-Inc.		Nov. 18	3.00
Christina	M-Inc.		Oct. 23	3.50	*Mefo (76)	L-Inc.	Ivory	Nov. 20	3.00
†Ambassador	L-Inc.	Cream	Oct. 25	3.00	†White Frick	M-Inc.	Wh. suf pink	Nov. 20	3.00
†*Snow White	M-Inc.		Nov. 1	2.75	*Chattanooga (80)	L-Inc.		Nov. 25	2.75
Wilson's White	M-Inc.		Nov. 1	5.00	*December Glory (86).....	M-Inc.	Ivory	Dec. 1	3.00
*Albatross	M-Inc.		Nov. 5	3.00	†Margaret Moeller	L-Inc.		Dec. 3	3.00
*Betsy Ross	L-Inc.		Nov. 5	3.00	December White	M-Inc.		Dec. 5	3.25
*Ind. White (66).....	M-Inc.		Nov. 5	3.00	White Mistletoe	M-Inc.		Dec. 5	3.25
*Jean Elizabeth (70)	L-Inc.		Nov. 10	3.25	Snowline	L-Inc.		Dec. 10	4.50
*Monument (76)	L-Inc.	Ivory	Nov. 10	3.00	†Smith's White	M-Inc.	Ivory	Dec. 13	3.25
White Pocket	L-Inc.		Nov. 10	3.25					

YELLOW—STANDARDS

Harvest Golden	M-Inc.	Dp. Golden	Oct. 10	4.00	Honey Dew	L-Inc.	Nov. 12	3.25	
†Celestra	M-Inc.	Lemon	Oct. 15	3.00	†Bonnafon De Luxe	S-Inc.	Golden	Nov. 20	2.50
*Yellow Chief	M-Inc.		Oct. 15	**2.75	†Friendly Rival	L-Inc.	Dp. Chrome	Nov. 20	3.00
Gold Lode	M-Ref.	Lt. Golden	Oct. 15	2.75	*Yellow Melo (76)	L-Inc.	Dp. Lemon	Nov. 20	3.00
Butterball	M-Inc.	Yellow	Oct. 20	3.50	Purdue	L-Inc.	Lemon	Nov. 20	4.00
†Mrs. Kidder	L-Inc.	Dp. Lemon	Oct. 20	2.50	*Harvester (80)	L-Inc.	Dp. Canary	Nov. 23	3.00
†Blazing Gold (56)	M-Inc.	Dp. Golden	Oct. 23	3.00	Marie De Petris	L-Inc.	Dp. Golden	Nov. 23	3.00
Smith's Superlative	L-Ref.	Dp. Golden	Oct. 25	3.25	*Yellow Chattanooga (80)	L-Inc.		Nov. 25	2.75
†Yellow Ambassador	L-Inc.	Lt. Lemon	Oct. 25	3.00	*Golden Pearson (80)	M-Inc.	Lemon	Nov. 25	2.75
Yellow Bergen	S-Inc.		Oct. 25	3.25	†Sungold	M-Inc.	Dp. Lemon	Nov. 25	3.00
Sunglow	L-Inc.	Golden	Oct. 25	2.50	*Golden Mrs. Ross (80)	L-Inc.	Dp. Lemon	Dec. 3	2.75
Golden Glory	L-Inc.		Nov. 1	3.25	Yellow Moeller	L-Inc.	Sport of		
*Good News (60)	M-Inc.	Dp. Lemon	Nov. 1	3.25			Margaret Moeller	Dec. 3	3.50
Dk. Ind. Yellow	Pot plant use only		Nov. 5	3.50	Chalice	M-Inc.	Yellow	Dec. 5	5.00
*Ind. Yellow (66)	M-Inc.	Lemon	Nov. 5	3.00	Golden Mistletoe	M-Inc.	Lt. Golden	Dec. 5	3.25
Schweizerland	M-Inc.	Dp. Golden	Nov. 5	4.00	Dauntless	Semi			
*Yellow Queen (70)	L-Inc.		Nov. 10	3.25		curved	Golden Yellow	Dec. 13	3.50
Jamboree	L-Inc.	Golden	Nov. 10	4.50	†Tobin's Yellow	M-Inc.	Lt. Lemon	Dec. 13	3.25
*Yellow Monument (76)	L-Inc.	Lt. Lemon	Nov. 10	3.00	Meteore	M-Inc.	Lemon	Dec. 13	3.25
Yellow Pocket	L-Inc.		Nov. 10	3.25					

PINK—STANDARDS

*Pink Chief	M-Inc.	Lavender	Oct. 15	2.75	Pink Pocket	L-Inc.	Nov. 10	3.25	
Major Bowes	M-Inc.	Dp. Lavender	Oct. 20	3.00	Aristocrat	L-Inc.	Dp. Lavender	Nov. 20	3.25
Sugar Plum	M-Inc.		Nov. 1	4.50	†Helen Frick	M-Inc.	Rose Pink	Nov. 20	3.00
*Ind. Pink (66).....	M-Inc.	Dp. Lavender	Nov. 5	3.00	*Ed. Siedewitz (80).....	M-Inc.	Lavender	Nov. 23	3.00
*Dk. Orchid Queen (70)....	L-Inc.	Mauve Pink	Nov. 10	3.25	†*Thanksgiving Pink (80)....	M-Ref.	Amaranth	Nov. 23	3.00
*Orchid Queen (70)	L-Inc.	Orchid Pink	Nov. 10	3.25	Pink Mistletoe	M-Inc.	Lavender	Dec. 5	3.25

THIS TABLE INDICATES PRICES FOR MORE THAN 50 OF A VARIETY FOR SHIPMENT

50 Per 50	100-250 Per 100	300-450 Per 100	500-950 Per 100	1000-2450 Per 100	2500 up Per 100
\$ 2.50	\$ 4.75	\$ 4.50	\$ 4.25	\$ 4.00	\$ 3.75
2.75	5.20	4.95	4.65	4.40	4.10
3.00	5.70	5.40	5.10	4.80	4.50
3.25	6.15	5.85	5.50	5.20	4.85
3.50	6.65	6.30	5.95	5.60	5.25
4.00	7.60	7.20	6.80	6.40	6.00
4.50	8.55	8.10	7.65	7.20	6.75
5.00	9.50	9.00	8.50	8.00	7.50
6.25	12.00	11.50	11.00	10.50	10.00
7.50	14.50	14.00	13.50	13.00	12.50

**Varieties so marked not subject to above table of quantity discounts. Write for prices for quantities greater than 50.



Dark Orchid Queen

LARGE FLOWERING STANDARD VARIETIES

SYMBOLS: M—Medium Inc.—Incurved †Recommended for pot culture
 L—Large S—Small Ref.—Reflexed *Suitable for shading
 ()—Number of short days required to flower. Varieties so indicated are recommended for use in year round flowering program.

BRONZE AND RED—STANDARDS

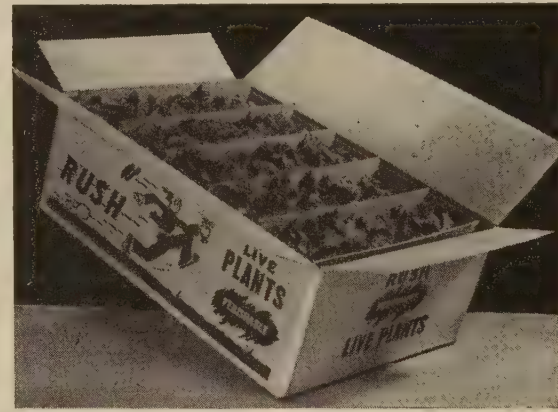
	Size & Type	Color	Flowering Date	50 per 50		Size & Type	Color	Flowering Date	50 per 50
Amber Bright	L-Inc.	Amber Bronze	Oct. 10	\$4.00	Br. Orchid Queen	L-Inc.	Apricot Buff	Nov. 10	\$3.25
Hilda Bergen	M-Inc.	Dk. Red'sh Br'ze	Oct. 25	3.25	Oakdale	M-Inc.	Buff Bronze	Nov. 10	4.50
Glitters	M-Ref.	Bronze	Oct. 28	3.25	Garnet King	M-Ref.	Dark Red	Nov. 13	3.25
Apricot Queen	M-Inc.		Nov. 1	3.25	*Mrs. Roy (70)	M-Inc.	Red Bronze	Nov. 13	3.25
*Detroit News (60)	M-Inc.	Red'sh Bronze	Nov. 1	3.25	†Bronze Frick	M-Inc.	Red'sh Bronze	Nov. 25	3.00
*Ivanhoe (60)	S-Inc.	Bronze	Nov. 1	3.25	Gladys Pearson	M-Inc.	Lt. Buff Bronze	Nov. 25	2.75
Mollie Nicholson	M-Inc.	Salmon Bronze	Nov. 1	4.00	Oak Leaf	M-Inc.	Reddish Bronze	Nov. 25	2.75
Ind. Bronze (66)	M-Inc.	Buff Bronze	Nov. 5	3.00	Rose Delight	M-Inc.	Deep Rose	Nov. 25	4.00
Ind. Golden Bronze	M-Inc.	Quilled	Nov. 5	5.00	Muto's Crimson	Semi Inc.	Red	Dec. 1	4.00
*Anaconda	L-Inc.	Bronze Red	Nov. 8	2.75	Bronze Mistletoe	M-Inc.	Buff Bronze	Dec. 5	3.25

SPIDER TYPES

Kay Tashima	White	Nov. 1	\$3.50	Nomago	Bronze	Nov. 5	\$5.00
Mary Garden	Pink	Nov. 1	4.50	Sue Sally Jones	Yellow	Nov. 5	3.50
Mrs. R. A. Walker	Pink	Nov. 1	3.50	White Rayonante	White	Nov. 5	3.25
*Queen's Lace (60)	White	Nov. 1	4.00	Waikiki	Apricot Bronze	Nov. 5	3.50
*Yellow Lace (66)	Yellow	Nov. 1	4.00	†Peggy Ann Hoover	Pink	Nov. 10	3.50
Gena Harwood	Buff Bronze	Nov. 5	3.50	Lorraine	Yellow	Nov. 15	4.00
Mamoru	Buff Bronze	Nov. 5	3.00				



A.B.C. Mum cuttings are rooted by specialists under ideal conditions to produce a vigorous root system. They are packed in specially designed cartons and rushed to you by express to insure their reaching you in perfect condition.



TERMS OF SALE

1. The minimum total order that can be accepted is 500 cuttings.
2. Fifty of each variety is the minimum that can be supplied.
3. More than 50 of a variety must be in multiples of 50.
4. No C.O.D. orders.
5. **SAFE ARRIVAL** cannot be guaranteed. All shipments must be in satisfactory condition before being accepted by the common carrier. Our responsibility ceases upon receipt of shipment by their agent. If shipment arrives in bad order, i.e., broken, frozen or heated, call your express agent, have him inspect shipment and mark condition on the express receipt. Customer must file claim against the common carrier.

SUBSTITUTIONS—Our growers will substitute equal or better varieties for items not available unless order is marked **NO SUBSTITUTIONS!** To avoid substitutions, place your order 6 months before delivery date.

CHANGES OR CANCELLATIONS on orders must be received at least 30 days before shipping date!

DISCOUNTS—2% for cash with an order for plants.

AIR SHIPMENTS—If you live in or near a city with air service, check the rates. In many cases you will find them almost as cheap as railway express rates and delays in transit will be avoided.

We, the American Bulb Company, act as agents for the growers, and we do not warrant in any way, expressed or implied, the description, quality, productiveness or any other matter of any cuttings or plants sold by us. We, further, will in no way be responsible for failure to deliver on dates requested.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of orders, and we reserve the right to advance prices without notice.

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

SYMBOLS:

L—Large

M—Medium

S—Small

Dec.—Decorative

Anem.—Anemone

†Recommended for pot culture

*Suitable for shading

()—Number of short days required to flower. Varieties so indicated are recommended for use in year round flowering program.

WHITE—POMPONS

	Size & Type	Color	Flowering Date	50 per 50		Size & Type	Color	Flowering Date	50 per 50
†Monogram	L-Daisy		Oct. 5	\$4.50	*Eskimo	M-Daisy		Nov. 15	\$5.00
Classic	S-Pomp.		Oct. 10	4.50	Lakme	S-Pomp.	Green	Nov. 15	3.50
†Maestro	M-Pomp.		Oct. 10	4.50	*White Freida	L-Anem.	Yel. Cush.	Nov. 15	3.00
†Renown	S-Daisy		Oct. 10	4.50	White Norma	L-Anem.	Shell Cush.	Nov. 15	3.25
Silverplate	M-Dec.		Oct. 12	4.50	*Highbrow (80)	M-Dec.	Ivory	Nov. 20	4.50
*Irene	S-Pomp.		Oct. 15	2.25	*L. I. Beauty (80)	L-Anem.		Nov. 20	2.50
Norona	S-Pomp.		Oct. 15	5.00	Nevada	M-Anem.		Nov. 20	3.00
*Silver Ball	L-Pomp.		Oct. 15	2.50	Seafoam	M-Pomp.		Nov. 20	2.75
Minong	S-Pomp.		Oct. 20	2.50	*Snowflurry (80)	S-Pomp.		Nov. 20	4.50
*Pristine	M-Pomp.		Oct. 20	4.00	Illini Bountiful	M-Dec.	Green Eye	Nov. 23	4.00
*Snow Cloud	M-Pomp.		Oct. 20	3.00	*White Valencia (86)	M-Daisy		Nov. 23	4.00
*Cotton Top	S-Pomp.		Oct. 25	3.00	Priscilla	M-Pomp.	Ivory	Nov. 23	3.00
†Granite State	L-Pomp.		Oct. 25	2.75	White Usona	M-Pomp.		Nov. 25	**3.50
Keepsake	M-Pomp.	Cream	Oct. 25	5.00	White Yuletide	M-Pomp.		Nov. 25	2.75
*Pinocchio (66)	S-Pomp.		Oct. 25	2.75	Crystal Beauty	M-Pomp.		Nov. 28	4.00
*Popcorn (66)	M-Pomp.		Oct. 25	4.00	*Paramount (86)	L-Pomp.		Nov. 28	4.50
*Songster	M-Pomp.		Oct. 25	4.50	†Cordova (86)	M-Dec.		Nov. 30	2.75
White Popcorn	M-Pomp.	Cream	Oct. 25	5.00	*Belray	L-Pomp.		Nov. 30	4.50
*Arcadia	M-Pomp.		Oct. 28	2.75	*Fortune (90)	M-Pomp.		Dec. 1	4.50
*Sea Gull (76)	M-Pomp.	Cream	Nov. 1	2.75	Monarch	L-Dec.	Ivory	Dec. 1	5.00
*White Doty	L-Pomp.		Nov. 1	2.75	Acclaim	L-Pomp.		Dec. 5	5.00
White Calif. Daisy	L-Daisy		Nov. 1	**2.75	Cotillion	M-Pomp.		Dec. 5	5.00
*Encore (76)	M-Pomp.		Nov. 5	4.00	*Cameo (90)	M-Dec.	Ivory	Dec. 5	3.00
*Halo (66)	M-Daisy		Nov. 5	4.50	Ivory Cameo	M-Dec.	Ivory	Dec. 5	3.50
*Kolowa (70)	M-Daisy		Nov. 5	4.50	Spangles	M-Pomp.		Dec. 5	4.50
†Richard Mandel	L-Pomp.		Nov. 5	3.00	Swan	L-Anem.		Dec. 5	3.50
Madonna	M-Pomp.		Nov. 5	5.00	Snowdrop	S-Pomp.		Dec. 8	5.00
White Anemone	L-Anem.		Nov. 5	3.25	Ill. Starburst	Quilled		Dec. 10	4.50
*White Mensa (76)	L-Daisy		Nov. 5	3.00	Snow Queen	M-Pomp.		Dec. 10	5.00
*Moonglow (76)	M-Pomp.		Nov. 8	4.00	White Supreme	L-Anem.		Dec. 10	3.25
*Rev. Bushnell	M-Pomp.		Nov. 8	3.25	Yukon	M-Daisy		Dec. 10	2.75
*Dynamo	M-Pomp.		Nov. 10	5.00	Satellite	M-Pomp.		Dec. 15	5.00
†*Little America (76)	M-Anem.		Nov. 10	2.50	Snowcrest (90)	S-Pomp.	Green Eye	Dec. 15	4.00
*Shasta (76)	M-Anem.		Nov. 10	2.75	Garza	M-Anem.		Dec. 15	3.00
Shasta Daisy	M-Daisy		Nov. 10	2.75	*Silversmith (90)	M-Dec.		Dec. 15	4.00
Vesper	M-Pomp.		Nov. 10	2.75	*Snowcap (90)	M-Pomp.		Dec. 15	4.00
Illini Snowdrift	Quilled		Nov. 12	4.00	*Heirloom (96)	L-Pomp.		Dec. 20	4.50
*Matchless (76)	M-Pomp.		Nov. 12	3.00	Revelation	M-Pomp.		Dec. 25	2.50
*Sculpture	L-Daisy	Ivory	Nov. 15	5.00	Snow	L-Pomp.		Dec. 25	2.75

PINCH DATES FOR NATURAL-FLOWERING PLANTS

Varieties Maturing	Pinch	Varieties Maturing	Pinch
Oct. 15	July 8	Nov. 20	July 25
Oct. 20-25	July 12	Nov. 25-30	July 28
Nov. 1	July 16	Dec. 1-5	July 31
Nov. 5-10	July 19	Dec. 10	Aug. 2
Nov. 15	July 22	Dec. 15—on	Aug. 4

The above dates are suggested for regions with similar climatic conditions as Ohio. In Canada, the pinching dates are 7-10 days earlier, and it is expected that in the southern areas of the United States, the pinch should be made 7-10 days later than the suggested dates.

THIS TABLE INDICATES PRICES FOR MORE THAN 50 OF A VARIETY FOR SHIPMENT

50	100-250	300-450	500-950	1000-2450	2500 up
Per 50	Per 100	Per 100	Per 100	Per 100	Per 100
\$ 2.50	\$ 4.75	\$ 4.50	\$ 4.25	\$ 4.00	\$ 3.75
2.75	5.20	4.95	4.65	4.40	4.10
3.00	5.70	5.40	5.10	4.80	4.50
3.25	6.15	5.85	5.50	5.20	4.85
3.50	6.65	6.30	5.95	5.60	5.25
4.00	7.60	7.20	6.80	6.40	6.00
4.50	8.55	8.10	7.65	7.20	6.75
5.00	9.50	9.00	8.50	8.00	7.50
6.25	12.00	11.50	11.00	10.50	10.00
7.50	14.50	14.00	13.50	13.00	12.50

**Quantities so marked not subject to above table of quantity discounts. Write for prices for quantities greater than 50.

POMPONS... DECORATIVE, SINGLE DAISY, ANEMONE

SYMBOLS:

L—Large

M—Medium

S—Small

Dec.—Decorative

Anem.—Anemone

†Recommended for pot culture

*Suitable for shading

()—Number of short days required to flower. Varieties so indicated are recommended for use in year round flowering program.

YELLOW—POMPONS

	Size & Type	Color	Flowering Date	50 per 50		Size & Type	Color	Flowering Date	50 per 50
Bright Forecast	M-Pomp.	Yellow	Oct. 10	\$4.50	*Bojangles (76)	M-Daisy	Yellow	Nov. 20	\$4.50
Goldrush	S-Daisy	Yellow	Oct. 10	4.50	*Klondike (80)	M-Pomp.	Orange Yellow	Nov. 20	4.50
Treasure	S-Pomp.	Yellow	Oct. 10	5.00	*Lollipop (76)	M-Pomp.	Lemon	Nov. 20	4.50
Lemonade	M-Dec.	Ivory Yellow	Oct. 12	4.50	Pippin	M-Pomp.	Yellow	Nov. 20	5.00
Sweepstake	S-Pomp.	Yellow	Oct. 12	4.50	*Yellow L. I. Beauty (80)...	L-Anem.	Yellow	Nov. 20	4.00
James Stewart	M-Pomp.	Apricot Gold	Oct. 15	4.50	Yellow Nevada	M-Anem.	Yellow	Nov. 20	3.00
*Yellow Irene	S-Pomp.	Lemon	Oct. 15	2.75	†Yellow Rolinda	M-Anem.	Light Buff	Nov. 23	3.00
*Rodell Imp.	S-Pomp.	Lemon	Oct. 20	2.50	*Champagne (80)	M-Daisy	Yellow	Nov. 25	4.00
Cream Dot	M-Pomp.	Apricot Cream	Oct. 25	2.75	Goldenrod	M-Pomp.	Yellow	Nov. 25	5.00
*Gold Coast (66)	M-Pomp.	Deep Lemon	Oct. 25	2.50	Highlander	M-Pomp.	Yellow	Nov. 25	5.00
*Golden Herald (60)	L-Dec.	Golden	Oct. 25	3.00	Illini Gold	M-Pomp.	Deep Golden	Nov. 25	3.25
*Yellow Dot	M-Pomp.	Bright Ctr.	Oct. 25	2.75	Sunnyside	M-Pomp.	Golden	Nov. 25	2.75
Yellow Firebird	M-Dec.	Bright Lemon	Oct. 25	3.25	Yellow Priscilla, New	M-Pomp.	Lemon	Nov. 25	5.00
Sunup	S-Pomp.	Yellow	Oct. 28	5.00	Yellow Usona	M-Pomp.	Yellow	Nov. 25	**3.50
Yellow Arcadia	M-Pomp.	Pernet Yellow	Oct. 28	2.75	*Golden Jane (86)	L-Daisy	Golden	Nov. 28	3.00
*Mary L. Hall (76)	M-Pomp.	Deep Lemon	Nov. 1	2.50	Yellow Valencia	L-Daisy	Yellow	Nov. 28	3.00
Schneeburg's Daisy	M-Daisy	Golden	Nov. 1	4.00	*Goldsmith (80)	M-Dec.	Golden	Nov. 29	3.25
*Starbright (60)	L-Daisy	Golden	Nov. 1	4.00	†Yellow Cordova	M-Dec.	Lemon	Nov. 30	2.75
*Yellow Cassandra	M-Pomp.	Yellow	Nov. 1	4.00	*Omega (90)	M-Pomp.	Deep Lemon	Dec. 1	3.00
*Yellow Daisy (60)	M-Daisy	Deep Lemon	Nov. 1	3.00	*Nosegay (80)	S-Pomp.	Yellow	Dec. 1	5.00
Yellow Doty	L-Pomp.	Buff Yellow	Nov. 1	2.75	*Brandywine (86)	M-Dec.	Deep Orange	Dec. 5	5.00
*Yellow Sea Gull	M-Pomp.	Light Lemon	Nov. 1	2.75	*Cinderella (86)	M-Daisy	Yellow	Dec. 5	4.00
†Sunray	M-Anem.	Light Lemon	Nov. 3	2.50	Golden Harvest	S-Pomp.	Deep Gold	Dec. 5	4.00
Barcarole	M-Pomp.	Golden	Nov. 5	2.75	*Goldtone (86)	M-Daisy	Yellow	Dec. 5	4.50
Brigadoon	M-Daisy	Yellow	Nov. 5	5.00	Symmetry	M-Pomp.	Yellow	Dec. 5	5.00
*Crescendo (76)	L-Pomp.	Yellow	Nov. 5	4.50	*Yellow Cameo (90)	M-Dec.	Deep Lemon	Dec. 5	3.00
*Constellation	M-Dec.	Yellow	Nov. 5	3.00	Jack Pot	L-Dec.	Golden Yellow	Dec. 5	5.00
*Golden Mensa	L-Daisy	Lemon	Nov. 5	3.00	Yellow Supreme	L-Anem.	Light Buff	Dec. 10	3.25
*Nuggets	S-Pomp.	Deep Lemon	Nov. 5	2.50	*Challenge (86)	M-Daisy	Yellow	Dec. 12	4.50
*Pixie	S-Pomp.	Deep Lemon	Nov. 5	3.25	December Gold	M-Dec.	Deep Golden	Dec. 15	3.00
Ill. Gold Cup	L-Pomp.	Buttercup	Nov. 10	4.50	Sequin	S-Pomp.	Yellow	Dec. 15	4.50
Mason's Yellow	L-Daisy	Yellow	Nov. 10	3.25	*Shamrock (96)	L-Dec.	Yellow	Dec. 15	4.50
†Yellow Beauty	L-Pomp.	Golden	Nov. 10	3.25	Yellow Snowcrest	M-Pomp.	Yellow	Dec. 15	5.00
*Yellow Shasta	M-Anem.	Yellow	Nov. 10	2.75	Yellow Riviera	M-Pomp.	Yellow	Dec. 15	4.00
Ill. Rye	M-Pomp.	Straw	Nov. 12	5.00	*Corsair (96), New	L-Pomp.	Yellow	Dec. 18	5.00
*Golden Chord	M-Pomp.	Golden	Nov. 15	4.00	Revelry	M-Dec.	Light Yellow	Dec. 20	5.00
*Forty Niner (76)	M-Pomp.	Golden	Nov. 15	4.00	Vibrant	M-Dec.	Deep Lemon	Dec. 20	3.00
*Princeton	M-Dec.	Golden Orange	Nov. 15	3.25	Sunrise	S-Pomp.	Yellow	Dec. 20	5.00
*Susanne Miller	L-Anem.	Buff Yellow	Nov. 15	3.25	Golden Anniversary	M-Pomp.	Yellow	Dec. 25	3.50
Tally-Ho	M-Pomp.	Yellow	Nov. 15	3.50	Yellow Revelation	M-Pomp.	Deep Lemon	Dec. 25	3.50
Thorobred	L-Daisy	Yellow	Nov. 15	5.00	Yellow Snow	M-Pomp.	Deep Lemon	Dec. 25	2.75
*Yellow Fellow	M-Dec.	Lemon	Nov. 15	2.75	Siren	M-Dec.	Yellow	Dec. 25	4.50
Illini Brave	M-Pomp.	Lemon	Nov. 16	4.00	Yuleflame	M-Dec.	Yellow	Dec. 25	3.50
Illini Honey	S-Pomp.	Honey-Yellow	Nov. 18	4.00					
Mary Gold	M-Pomp.	Lemon	Nov. 18	2.50					

VARIETIES GROUPED BY NUMBER OF SHORT DAYS REQUIRED TO FLOWER**WHITE — POMPONS**

Variety	Recommended for Flowering
66 Day Group	
Halo	May 1—Oct. 31
Pinocchio	Sept. 1—Oct. 31 and June 1—June 30
Popcorn	Aug. 1—Oct. 31
76 Day Group	
Encore	Apr. 1—Oct. 31
Highbrow	Nov. 1—Feb. 28
*Little America	Jan. 1—Dec. 31
Long Island Beauty	Oct. 1—Mar. 31
Matchless	Sept. 15—April 15
*Moonglow	Oct. 1—Apr. 15
*Sea Gull	June 1—Oct. 31
Shasta	Jan. 1—Dec. 31
Snowflurry	Oct. 1—Mar. 31
White Mensa	Oct. 1—Apr. 30
86 Day Group	
*Belray	Dec. 1—June 15
Cameo	Nov. 1—Mar. 15

WHITE—POMPONS

Variety	Recommended for Flowering
86 Day Group (Continued)	
Cordova	Oct. 15—Mar. 31
Fortune	Oct. 15—Mar. 15
Paramount	Oct. 1—Mar. 31
Silversmith	Oct. 15—Mar. 15
Snowcap	Oct. 15—Mar. 15
Snowcrest	Oct. 1—Mar. 31
White Valencia	Oct. 15—Mar. 15
96 Day Group	
Heirloom	Dec. 15—Feb. 15

YELLOW — POMPONS

56 Day Group	
Golden Herald	Apr. 1—Oct. 31
Starbright	May 1—Oct. 31
Yellow Daisy	May 1—Oct. 31
66 Day Group	
Gold Coast	Apr. 1—Oct. 31
76 Day Group	
Bojangles	Nov. 1—Mar. 31

YELLOW — POMPONS

Variety	Recommended for Flowering
76 Day Group (Continued)	
Champagne	Nov. 1—Mar. 31
*Constellation	Sept. 15—Nov. 15
*Crescendo	May 15—Sept. 15
Forty Niner	Sept. 1—Oct. 31
*Golden Chord	Sept. 1—Oct. 31
Golden Mensa	Mar. 1—June 15 and Oct. 1—Dec. 31
Goldsmith	Oct. 1—Mar. 31
Klondike	Apr. 1—June 30 and Oct. 1—Dec. 31
Lollipop	Jan. 1—Dec. 31
*Mary Lennon Hall	June 1—Oct. 31
Nosegay	Sept. 15—Apr. 15
*Sunray	May 1—Oct. 31
Yellow L. I. Beauty	Oct. 1—Mar. 31
Yellow Shasta	Sept. 1—June 30

(Continued on Page 53)

*Reduce the number of long days by 10, to prevent uneven growth and flowering. Easiest method is to plant 10 days later.

**Increase the number of long days by 10, to obtain better quality. Easiest method is to plant 10 days sooner.

WHITE

LYRIC Oct. 5. Pure white intermediate daisy. Short compact habit; very uniform and showy. Very durable. An excellent early pot plant or fine dwarf garden type.

HORIZON Oct. 5. Pure white intermediate pompon. Stronger plant than White Wonder. Whiter and more double than Chris. Columbus. Larger, showier than Classic. An important early cut flower or landscape variety.

NORONA Oct. 15 (DE PETRIS). White, medium solid pompon. Very desirable for earliest shading under black cloth. A very free and productive variety possessing good growth habit. Use in place of Irene for early shading in the cloth house.

WHITE POPCORN Oct. 25. Cream white sport of Popcorn. No trace of pink in the flower at low temperatures. The most productive white pompon.

KEEPSAKE Oct. 25. Cream white pompon. About the size and form of Popcorn. Hard, durable flower. Taller and freer growth than Popcorn. For May through July in the greenhouse and August and September in the cloth house. Prompt and uniform response to shade.

MOGUL (DE PETRIS) End of September and early October. Garden variety. Vivid orange rust full decorative of medium size. Vigorous upright growth with strong stems and petioles.

BRIGADIER (DE PETRIS) Oct. 1. Garden variety. Large carmine red pompon. Solid blooms of decorative form. Good bushy growth and excellent foliage. Stems strong 20" to 24". Matures October 1st. A nice lively color and quite early.

AVALON (DE PETRIS) First week in October. Garden variety. Formal pompon of glowing bronze color. Good stems and foliage with upright growth. Resembles Mme. Chiang Kai Shek in color with an improved growth habit and blooms one week later.

FIRECRACKER Oct. 5. Mahogany bronze decorative close to burnt orange. Tall, cut flower growth. The flower holds color well and is quite frost resistant.

PANORAMA (DE PETRIS) Oct. 8. Garden variety. Dazzling orange rust, small decorative 36" to 39". Small glossy foliage, of upright growth habit and fairly good for cutting.

BLUEBLOOD Oct. 10. Deep amaranth red decorative. Vigorous cut flower growth. Color strongly resembles that of the old variety Burgundy.

CARAVAN Oct. 10. Large salmon bronze decorative, garden type compact rugged growth. Has all the good qualities of Mrs. DuPont, with a strikingly new and useful color.

WILSON'S WHITE Nov. 1. (IAN WILSON). Intermediate incurved. Outstanding white standard for pots.

MADONNA Nov. 5. Intermediate white pompon of good clean growth. Variety just precedes Encore. Its place is in the spring program in May and June where it takes high temperature well. Will show light pink tinges at low temperatures.

DYNAMO Nov. 10. White pompon. Very similar to Encore but greatly improves that variety in growth habit. Very high quality cloth house white pompon. Fine in May and June in the greenhouse.

SCULPTURE Nov. 15. Large ivory white daisy. Excellent in May and June. Very close to a White Valencia for cloth house, responding much faster than that variety and with considerably better production.

ESKIMO Nov. 15. Clear white daisy. Fine form and excellent substance. Stands cloth house adverse conditions well. Very fine keeper and a very durable flower.

MONARCH Dec. 1. Ivory white large decorative. Larger, harder flower than Cameo. Clean, vigorous growth. Responds rapidly and uniformly.

BRONZE AND RED

ADMIRAL Oct. 12. Dark crimson red decorative. Plant is more vigorous and productive than Red Velvet; color is deeper and holds well.

COCKTAIL Oct. 15. Salmon orange pompon—a beautiful color. Growth is slow, variety attains medium height. A new color and distinctive form. A cut flower variety.

RAJAH Oct. 15. Large scarlet red daisy. Very fine as cut flower. Holds color well in the field or early cloth house. Excels Red Daisy in color and growth habit.

BUCCANEER Nov. 1. Rich bronze daisy with very little fading even under high temperatures. Fine growth and production. Darker and richer bronze than Buckskin or Sylvanna. This variety fills a long felt need.

NOMAGO Nov. 5 (DE PETRIS). Bronze spider; the best of the bronze spider varieties.

ILLINI BURMA Nov. 10. (UNIV. OF ILL.) Light bronze; large pompon. Responds well to disbudding and partial disbudding. Satisfactory as a pot plant. Stiff stems and uniform, above average production.

BR. LINDA LOU Nov. 10. An important color sport of Linda Lou.

ILLINI RYE Nov. 12. (UNIV. OF ILL.) Straw color intermediate pompon. Exceptional substance and stem strength. Very uniform. Shades well.

ACCLAIM Dec. 5. Large formal type pompon. Clean Omega type growth, no laterals. Follows Paramount and Fortune. Lights and shades well. As fine a formal pompon as exists. A white Corsair.

COTILLION Dec. 5. Intermediate semi-formal pompon. Very clear white. Heavily petalled, extreme substance. Short, easily controlled growth. Responds well and cuts uniformly. A late Encore with a very hard flower.

SNOWDROP Dec. 8. (DE PETRIS) White button pompon with uniform growth and good production. Stems are strong and flowers possess a fairly good substance.

SNOW QUEEN Dec. 10. (DE PETRIS). Medium large formal white pompon of the purest white. Possesses very good substance. Sprays produced on good stems are well flowered. Good healthy and free growth. It is not vegetative. Not recommended for shading.

SATELLITE Dec. 15. Ivory White, formal, intermediate pompon. Vigorous Silversmith habit. Very high class flower, especially brilliant under artificial light. Responds slowly but uniformly.

SHALIMAR Nov. 15. Lively orange bronze anemone. Short compact habit well suited to pot plant culture or cut flowers. Sprays well or attains good size, disbudded in pots. A useful improvement over Gypsy. A valuable variety to shade or delay.

BRONZE PRINCETON Nov. 15. Bronze sport of Princeton. Distinct from Red Princeton.

AMBERINA Dec. 1. Bright orange bronze intermediate decorative. Vigorous, clean growth. A late Princeton with very high production. Responds well and grows dependably under most any temperature or light condition.

HARLEQUIN Dec. 10. Crimson red intermediate decorative. Vigorous wiry growth. Excellent low temperature variety. Fast, uniform response.

TOPAZ Dec. 15. Warm, orange bronze single. Heavily petalled with good substance and vigorous free growth. Will not go blind. Bronze, generally believed to be of slight value at this season, finds in Topaz a very brilliant color which is striking under artificial lights.

POINSETTIA Dec. 20. Scarlet red large daisy. Strong growth. Needs no disbudding. Attain the size of the Valencias on natural sprays. Responds uniformly, takes low temperature well. A most important addition to the Christmas season.

PINK

ENTERPRISE (DE PETRIS) First week in October. Garden variety. Rich amaranth pink, solid pink pompon suitable for cutting. Good stem and foliage. Medium tall growth.

COURTIER Oct. 10. Lavender pink decorative. Garden type, compact growth. Beautiful color and form. A Spellbound that is very frost resistant. Good as an early pot plant.

LASSIE Oct. 10. Large dark pink decorative similar in size and form to Lavender Lady. A strong, upright habit well suited to cutting. Holds well on the plant.

ELIZABETH HOOD (DE PETRIS) Oct. 12. Garden variety. Vivid lavender pink, large full pompon with excellent substance and spray formation. Excellent strong stems 30" to 56" long of vigorous growth with very healthy habit and lush foliage. A very fine and productive variety. Excellent for cutting or for pots.

MISS CLARINDA (HOLMES) Nov. 10. Light lavender shading darker toward center. Color and flower size resembles the variety Mrs. Bulkeley, but production and growth is far superior.

PANDORA Nov. 10. Large luminous pink decorative. Excellent size and form. Growth is vigorous and fast, with short timing giving best results. Well suited to spring and cloth house flowering.

MEMORIAL Nov. 12. Intermediate pink anemone. Excellent spray and growth. Improves the variety Linda Lou in substance, color and growth. Recommended April thru November. Holds color well. A pink Little America flower, with a much cleaner and more vigorous growth habit.

MERMAID Nov. 15. Intermediate pink daisy. An excellent variety to follow Reward. Fine growth and production. Holds color well. Heavy petallage and good substance.

GRAND SLAM Nov. 20. Brilliant silvery pink daisy. Large flower, wide stiff petals. The variety responds well to shade. Growers will enthuse over its quality and production. Retailers will find in it the nearest color to shell pink aster yet found in the chrysanthemum.

VIVACIOUS LADY Nov. 20 (HELM). Spoon type novelty. For growing in sprays as well as disbuds.

PRINCESS Nov. 25. Small pink pompon. Very lively color, hard well rounded flower. Growth and production nearly identical to Snowflurry. Responds more uniformly than any variety.

HERITAGE Dec. 1. Large formal dark pink pompon. Free, vigorous growth, good production. Improves the production of Minuet and responds more uniformly than Riviera or Minstrel.

YELLOW

MOONLIGHT (DE PETRIS) Mid-September. Garden variety. Vivid soft yellow formal decorative about 3 inches across. A very full solid flower with excellent lasting qualities. A free growing variety which may be grown into compact plants by pinching or allowed to grow into a cutting variety. Good stems and foliage.

GARLAND Oct. 5. Intermediate yellow daisy. Compact vigorous growth. Garland has an exceptionally durable flower. A good early pot plant well adapted to gardens.

GOLDRUSH Oct. 10. Yellow daisy. Vigorous 3" growth. Resistant foliage. Good cut flower production.

TREASURE Oct. 10. Small yellow pompon. Vigorous, upright habit. Fine cut flower growth. Flower is a small version of Gold Coast and very durable.

NYTODA (DE PETRIS) Oct. 12. Garden variety. Color golden Apricot. Makes good sprays on strong stems 30" to 36". An excellent daisy with healthy growth and fairly good production. A good cutting variety.

SUNUP Oct. 28. Small deep yellow pompon. A little smaller than Gold Coast and larger than Pixie. Harder and more durable than Gold Coast. A good producer which withstands high temperatures and heavy cropping better than Gold Coast. Recommended May thru October. Sharp uniform response.

DK. IND. YEL. (pots) Nov. 5. For pot plant use only. Somewhat shorter in growth habit than Ind. Yellow.

BRIGADOON Nov. 5. Bright heavily petalled Yellow Daisy. Excellent growth and production. Responds rapidly and uniformly. Wholesale shippers will welcome this type of daisy. Good May through October.

THOROBRED Nov. 15. Large yellow daisy. Good growth habit, fine production. Very easily grown. Excellent form, petallage and substance.

PIPPIN Nov. 20. Intermediate yellow pompon. Follows Lollipop and precedes Sunnyside easily making Thanksgiving. Variety produces heavily on compound sprays. Shades well and lights well. Very dependable.

LOLLIPOP Nov. 20. A lemon yellow pompon. Very formal, round, and hard. Has a long season of usefulness. Fast response, and good production. A very reliable 11 week variety.

YELLOW USONA Nov. 25. A rich yellow sport of White Usona. Typical in flower and growth to the Usona variety.

GOLDENROD Nov. 25 (DE PETRIS). Full round and solid yellow pompon with exceptional substance and keeping qualities. Can be kept on the plant for a long time without impairing the color, substance or form of the flower. Gives a heavy production of high quality sprays.

HIGHLANDER Nov. 25. Intermediate formal decorative. Better production and freer growth than Goldsmith. Highly dependable for production and quality. Very close to a Yellow Highbrow.

YELLOW PRISCILLA (NEAL) Nov. 25. Deep lemon yellow, sport of the all time favorite Priscilla.

YELLOW VALENCIA Nov. 28. This is the sport of Valencia which was formerly known as Golden Jane.

YELLOW MOELLER Dec. 3. Sport of Margaret Moeller.

BRANDYWINE Dec. 5. A deep orange yellow decorative. Excellent growth habit similar to that of Yuleflame. Season December through February.

JACK-POT Dec. 5. Very large golden yellow decorative. A new peak in growth and form of flower has been achieved in this variety. It responds sharply and requires no disbudding. This variety approaches perfection in yellow pompons.

GOLDTONE Dec. 5. A heavy-petalled yellow single. Best described as a yellow Christmas Star. A good variety for flowering October 15 to March 15. Tolerates wide temperature range.

YELLOW SNOWCREST Dec. 15. A clear yellow sport of Snowcrest.

REVELRY Dec. 20. Intermediate light yellow decorative resembling Yellow Revelation with an improved flower quality. A dependable late, low temperature productive variety.

INDEX OF CHRYSANTHEMUMS — ROOTED CUTTING VARIETIES

	Page		Page		Page		Page
Acclaim	51	Canary Wonder	55	Early Bronze	57	Honeycomb	55
Achievement	56	Candlelight	55	Early Gold	55	Honey Dew	49
Adagio	56	Captain Cook	53	Early Harvest	57	Horizon	55
Adelaide	54	Capt. John Smith	56	Early Yellow	55	Huntsman	57
Admiral	57	Caravan	57	Ecstasy	53	Illini Bountiful	51
Air-Way Debut	57	Cardinal Spoon	57	Edith Roberts	53	Illini Brave	52
Albatross	49	Carmelita	54 & 57	Ed. Seidewitz	49	Illini Burma	54
Alert	56	Carmine Queen	57	Elizabeth Hood	56	Illini Camille	53
Allegro	56	Carnival	57	Enchantress	53	Illini Gold	52
Ambassador	49	Carolyn Yosick	53	Encore	51	Illini Goldcup	52
Amber Bright	50	Carousel	54	Enterprise	56	Illini Honey	52
Amber Glow	57	Cassandra	54	Ermine	55	Illini Redhead	54
Amberina	54	Catherine Collins	55	Eskimo	51	Illini Rye	52
Ambrosia	56	Cavalcade	54	Europa	54	Illini Snowdrift	51
Anaconda	50	Celestra	49	Fair Bow	56	Illini Starburst	51
Apricot Queen	50	Chalice	49	Falcon	54	Illini Warrior	54
Apricot Valencia	54	Challenge	52	Fashion	53	Imp Early Wonder	56
Arcadia	51	Champagne	52	Festival	54	Indian Head	54
Argonne	56	Champion Cushion	57	Fiesta	57	Indianapolis Bronze	50
Aristocrat	49	Chanticleer	54	Firebird	54	Ind. Golden Bronze	50
Autumn Song	56	Charles Nye	55	Firecracker	54	Indianapolis Pink	49
Avalanche	55	Chattanooga	49	Firefly	54	Indianapolis Yellow	49
Avalon	57	Chevron	54	Fireside	54	Indianapolis White	49
Aviator	57	Chippewa	56	Flaxon Beauty	55	Inspiration	57
Ballerina	53	Chiquita	55	Fortune	51	Irene	51
Bambi	55	Christina	49	Forty Niner	52	Ivanhoe	50
Bamboo	54	Chris. Columbus	55	Fragrant	55	Ivory Cameo	51
Barbara Small	56	Christmas Greeting	54	Freida	53	Jackpot	52
Barcarole	52	Christmas Star	54	Friendly Rival	49	Jamboree	49
Beacon	57	Cinderella	52	Galaxy	54	James Eadie	55
Beauregard	54	Claret	54	Garland	55	James Stewart	52
Beautiful Lady	53	Classic	51	Garnet King	50	Jean Elizabeth	49
Belray	51	Cocktail	54	Garza	51	Jemima	54
Betty	56	Commander Cushion	57	Gena Harwood	50	Jessie	53
Betty Rose	53	Constellation	52	Gladness	56	Jewell	56
Betsy Ross	49	Copperhead	54	Gladys Pearson	50	Joybringer	53
Bittersweet	54	Coral Sea	56	Glitters	50	Judith Anderson	55
Blazing Gold	49	Cordova	51	Goblin	57	Kathleen Lehman	57
Blueblood	54	Coronet	53	Gold Braid	54	Kay Tashima	50
Bokhara	57	Corsair	52	Gold Coast	52	Keepsake	51
Bojangles	52	Cotillion	51	Gold Lode	49	King Midas	55
Bonfire	57	Cotton Top	51	Gold Rush	52 & 55	Klondike	52
Bonnaffon De Luxe	49	Courageous	57	Golden Anniversary	52	Kolowa	51
Bonton	54	Courtier	56	Golden Carpet	55	Lakme	51
Bourbon	54	Cream Dot	52	Golden Chord	52	Lassie	56
Brandywine	52	Crescendo	52	Golden Glory	49	Lavender Lady	56
Brigadier	57	Crimson Valencia	54	Golden Herald	52	Lavender Lassie	56
Brigadoon	52	Crystal Beauty	51	Golden Hours	55	Legal Tender	54
Bright Forecast	52	Cydonia	57	Golden Jane	52	Lemonade	52
Brocade	53	Dark Bronze Masterpiece	54	Golden Mensa	52	Lillian Doty	53
Bronze Buckingham	54	Dark Bulkeley	53	Golden Mistletoe	49	Linda Lou	53
Bronze California Daisy	54	Dark Enchantress	53	Golden Mrs. Ross	49	Little America	51
Bronze Daisy	54	Dr. Ind. Yellow	49	Golden Pearson	49	Lollipop	52
Bronze Dot	54	Dark Linda Lou	53	Goldenrod	52	L. I. Beauty	51
Bronze Frick	50	Dark Pink Dot	53	Golden Spoon	55	Lorraine	50
Bronze Goldsmith	54	Dark Jewell	56	Goldsmith	52	Lulabel	53
Br. Linda Lou	54	Dark Pink Norma	53	Goldtone	52	Lyric	55
Bronze Masterpiece	54	Dark Pink Supreme	53	Good News	49	M. J. Costello	55
Bronze Minstrel	54	Dark Orchid Queen	49	Grand Slam	53	Madonna	51
Bronze Minuet	54	Dark Riviera	53	Granite State	51	Maestro	51
Bronze Mistletoe	50	Dark Valencia	53	Gypsy	54	Magician	54
Bronze Orchid Queen	50	Dawn Rose	56	Halo	51	Magnificent	57
Bronze Princeton	54	Dazzler	54	Harbinger	57	Mahogany Cushion	57
Bronze Pyramid	57	Debonair	54	Harlequin	54	Mahogany Viking	54
Bronze Riviera	54	Debutante	53	Harvester	49	Major Bowes	49
Bronze Supreme	54	December Glory	49	Harvest Golden	49	Major Cushion	56
Bronze Thyra	54	December Gold	52	Hasegawa Pink	53	Majorette	53
Bronze Tuxedo	54	December White	49	Heather Bloom	56	Mamaru	50
Buccaneer	54	Dee Dee Ahrens	55	Heirloom	51	Mandalay	57
Buckskin	54	Defiance	53-55	Helen Frick	49	Margaret Moeller	49
Burgundy	57	Detroit	54	Heritage	53	Marie DePetris	49
Butter Ball	49-55	Detroit News	50	Highbrow	51	Marionette	54
Butterscotch	54	Dream Boat	53	Highlander	52	Marketeer	49
Calcite	55	Dream Girl	53 & 56	Hilda Bergen	50	Mary Garden	50
Calico	54	Drifted Snow	55	Holiday	54		
Cameo	51	Dr. Longley	56				
		Dynamo	51				

INDEX OF CHRYSANTHEMUMS — ROOTED CUTTING VARIETIES

	Page		Page		Page		Page
Mary Gold	52	Perfection	55	Sea Gull	51	W. H. Buckingham	53
Mary L. Hall	52	Pink Beauty	56	Seneca	54	W. P. Snyder	55
Mary McArthur	53	Pink California Daisy	53	September Bronze	57	Waikiki	50
Mason's Bronze	54	Pink Chief	49	September Cheer	57	Welcome	56
Mason's Red	54	Pink Dot	53	September Dawn	56	White Anemone	51
Mason's Yellow	52	Pink L. I. Beauty	53	September Sunshine	55	White Bounty	55
Masquerade	53, 56	Pink Mistletoe	49	Sequin	52	White California Daisy	51
Masterpiece	53	Pk. Princess	56	Sequoia	57	White Chief	49
Matchless	51	Pink Pocket	49	Serenade	53	White Cloud	55
Medallion	53	Pink Sprite	53	Shalimar	54, 55	White Cushion	55
Meditation	57	Pk. Surprise	56	Shamrock	52	White Doty	51
Mefo	49	Pink Treasure Island	53	Shasta	51	White Freida	51
Mellow Glow	56	Pinky	53	Shasta Daisy	51	White Frick	49
Memorial	53	Pinocchio	51	Silver Ball	51	White Mensa	51
Mermaid	53	Pippin	52	Silver Sheen	49	White Mistletoe	49
Merrymaker	54	Pixie	52	Silverplate	51	White Norma	51
Meteor	49	Poinsettia	54	Silversmith	51	White Pocket	49
Minong	51	Polar Ice	55	Siren	52	White Popcorn	51
Minstrel	53	Polaris	55	Smith's White	49	White Rayonante	50
Minuet	53	Pomponette	55	Smith's Superlative	49	White Spoon	55
Miss Clarinda	53	Popcorn	51	Snow	51	White Supreme	51
Misty Maid	55	Princess	53	Snow Cloud	51	White Tower	55
Model O'Perfection	55	Princeton	52	Snow White	49	White Usona	51
Mogul	57	Priscilla	51	Snowcap	51	White Valencia	51
Mollie Nicholson	50	Pristine	51	Snowcrest	51	White Wonder	55
Mona	57	Purdue	49	Snowdrop	51	White Yuletide	51
Monarch	51	Purple Star	56	Snowfall	55	Wilson's White	49
Monogram	51, 55			Snowflurry	51	Winsome	56
Monument	49	Queen of Pinks	53	Snowline	49	Winterset	55
Moonglow	51	Queen's Lace	50	Snow Queen	51	Witchery	54
Moonlight	55			Snow White	49	Wychwood	55
Morning Star	55			Songster	51		
Mrs. Dewey	54	Rajah	54	Soprano	53	Yellow Ambassador	49
Mrs. Dupont	56	Red Daisy	54	Spangles	51	Yellow Arcadia	52
Mrs. Eaton	55	Red Dot	54	Spellbound	56	Yellow Avalanche	55
Mrs. Fischer	55	Red Glow	57	Starbright	52	Yellow Beauty	52
Mrs. Kidder	49	Red Gold	57	Sterling	49	Yellow Bergen	49
Mrs. R. A. Walker	50	Red Princeton	54	Sue Sally Jones	50	Yellow Blanket	55
Mrs. Roy	50	Red Ridinghood	57	Sugar Plum	49	Yellow Cameo	52
Mrs. Rotan	55	Red Rolinda	54	Sunapee	55	Yellow Cassandra	52
Muto's Crimson	50	Red Rust	54	Sunglow	49	Yellow Chattanooga	49
Myrtle Walgreen	56	Red Seneca	54	Sungold	49	Yellow Chief	49
		Red Supreme	54	Sunray	52	Yellow Chris. Columbus	55
Navaho	54	Red Velvet	57	Sunrise	52	Yellow Cordova	52
Nevada	51	Remembrance	57	Sunnyside	52	Yellow Cushion	55
Nocturne	54	Renown	51	Susanne Miller	52	Yellow Daisy	52
Nokomis	54	Rev. Bushnell	51	Sunup	52	Yellow Dot	52
Nomago	50	Revelation	51	Swan	51	Yellow Doty	52
Norma	53	Revelry	52	Sweepstakes	52	Yellow Fellow	52
Norona	51	Reward	53	Sweetheart	53	Yellow Firebird	52
Nosegay	52	Richard Mandel	51	Sylvanna	54	Yellow Irene	52
Nuggets	52	Riviera	53	Symmetry	52	Yellow Lace	50
Nye's Favorite	56	Robinhue	54	Symphony	56	Yellow L. I. Beauty	52
Nytoda	55	Rodell Imp.	52			Yellow Mefo	49
		Rosalind	53	Taffeta	53	Yellow Moeller	49
Oakdale	50	Rose Delight	50	Tally Hoe	52	Yellow Monument	49
Oak Leaf	50	Rose Masterpiece	53	Tangerine	55	Yellow Nevada	52
October Bronze	54	Rose Spoon	56	Tapestry	56	Yellow Pocket	49
October Pink	53	Rosita	56	Thanksgiving Pink	49	Yellow Priscilla	52
Old Gold	55	Rubicon	54	The Chief	57	Yellow Queen	49
Olive Longland	56	Ruby Pompon	57	The Titan	54	Yellow Revelation	52
Omega	52	Ruffled Supreme	53	Thelma	54	Yellow Riviera	52
Orchid Beauty	53	Rusticon	54	Thorobred	52	Yellow Rolinda	52
Orchid Helen	56			Thyra	53	Yellow Sea Gull	52
Orchid Queen	49	Salmon Masterpiece	53	Tiffany Rose	56	Yellow Shasta	52
Orchid Spoon	56	Salmon Precose	56	Tobin's Yellow	49	Yellow Snow	52
Orchid Valencia	53	Salmon Valencia	53	Topaz	54	Yellow Snowcrest	52
		Salute	53	Treasure	52	Yellow Spoon	55
Pageantry	54	Sam Williston	57	Tuxedo	53	Yellow Supreme	52-55
Pandora	53	Samovar	54			Yellow Usona	52
Panorama	57	Sarong	54	Usona	53	Yellow Valencia	52
Paper White	55	Satellite	51			Yolanda	54
Paragon	54	Scarlet Crimson	57	Valencia	53	Youdath's White	55
Paramount	51	Schneeburg's Daisy	52	Vesper	51	Yukon	51
Patricia Lehman	56	Schwitzerland	49	Vibrant	52	Yuleflame	52
Peggy Ann Hoover	50	Sculpture	51	Violet	56		
Pepita	55	Seafoam	51	Vivacious Lady	53	Zantha	55

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

SYMBOLS:

L—Large

M—Medium

S—Small

Dec.—Decorative

Anem.—Anemone

†Recommended for pot culture

*Suitable for shading

()—Number of short days required to flower. Varieties so indicated are recommended for use in year round flowering program.

PINK—POMPONS

Size & Type	Color	Flowering Date	50 per 50	Size & Type	Color	Flowering Date	50 per 50		
Dream Girl	M-Pomp.	Pink	Oct. 10	\$4.00	Memorial	M-Anem.	Pink	Nov. 12	\$5.00
†Joybringer	M-Dec.	Salmon Rose	Oct. 10	4.50	*Taffeta (76)	M-Dec.	Deep Pink	Nov. 12	4.50
Sweetheart	S-Daisy	Lt. Lavender	Oct. 10	4.50	*Brocade (76)	M-Daisy	Cameo Pink	Nov. 15	2.75
Serenade	S-Daisy	Magenta	Oct. 10	4.50	*Freida	L-Anem.	Lt. Lavender	Nov. 15	3.00
Fashion	M-Dec.	Salmon Rose	Oct. 12	4.50	Mermaid	M-Daisy	Pink	Nov. 15	5.00
Masquerade	S-Dec.	Pink	Oct. 12	3.50	Orchid Beauty	M-Anem.	Orchid	Nov. 15	2.75
Salute	M-Daisy	Deep Orchid	Oct. 12	4.50	*Norma	L-Anem.	Salmon Cushion	Nov. 15	3.25
*Carolyn Yosick	S-Dec.	Lavender	Oct. 20	3.00	*Dark Pink Norma	L-Anem.	Deep Lavender	Nov. 15	3.25
*Ecstasy	M-Pomp.	Deep Lavender	Oct. 20	2.75	*Majorette (80)	S-Anem.	Lively Pink	Nov. 20	4.50
*Captain Cook	M-Pomp.	Deep Rose	Oct. 23	2.75	*Pinky (86)	M-Dec.	Pink	Nov. 20	4.50
Pink Sprite	M-Pomp.	Pink	Oct. 23	4.00	*Pink L. I. Beauty (80)	L-Anem.	Pink	Nov. 20	4.00
*Mary McArthur (60)	S-Pomp.	Shaded Bronze	Oct. 23	3.50	Grand Slam	L-Daisy	Silvery Shell Pink	Nov. 20	5.00
Betty Rose	L-Anem.	Lavender	Oct. 25	3.25	Vivacious Lady	Sp. Type	Novelty	Nov. 20	5.00
Edith Roberts	S-Pomp.	Lt. Orchard Pink	Oct. 25	3.50	Minuet	M-Pomp.	Mauve Rose	Nov. 23	3.00
*Jessie (66)	M-Pomp.	Lt. Lavender	Oct. 25	2.75	†Beautiful Lady	L-Anem.	Deep Lavender	Nov. 25	3.00
*Pink Dot (66)	M-Pomp.	Light Pink	Oct. 25	2.75	Hasegawa Pink	M-Daisy	Lavender	Nov. 25	2.50
*Dark Pink Dot	M-Pomp.	Dark Pink	Oct. 25	**3.50	Princess	S-Pomp.	Pink	Nov. 25	5.00
*Reward (60)	M-Daisy	Deep Pink	Oct. 25	4.50	Usona	M-Pomp.	Lavender	Nov. 25	**2.75
*October Pink	M-Daisy	Lt. Lavender	Oct. 25	3.25	*Dark Valencia (86)	M-Daisy	Orchid-Pink	Nov. 28	3.00
*Ballerina (70)	M-Daisy	Pink	Nov. 1	4.00	Orchid Valencia	L-Daisy	Deep Orchid	Nov. 28	5.00
Pink California Daisy	M-Daisy	Pink	Nov. 1	3.50	Salmon Valencia	L-Daisy	Salmon Pink	Nov. 28	5.00
*Lillian Doty	L-Pomp.	Light Rose	Nov. 1	2.75	*Valencia (86)	L-Daisy	Orchid	Nov. 28	3.00
*W. H. Buckingham	M-Daisy	Rose Pink	Nov. 1	2.75	Heritage	L-Pomp.	Dark Pink	Dec. 1	5.00
Dream Boat	M-Pomp.	Pink	Nov. 5	3.00	*Enchantress (90)	L-Anem.	Pink	Dec. 5	3.25
*Dark Bulkeley	M-Pomp.	Dark Rose	Nov. 8	3.25	*Dark Enchantress (90)	L-Anem.	Deep Pink	Dec. 5	4.00
*Linda Lou (76)	M-Daisy	Pink	Nov. 10	2.75	Ill. Camille, New	M-Daisy	Light Pink	Dec. 10	4.50
Pandora	L-Dec.	Luminous Pink	Nov. 10	5.00	Ruffled Supreme	L-Anem.	Sport of Dk.		
Lulabel	M-Anem.	Yellow Cushion	Nov. 10	3.50			Pk. Supreme	Dec. 10	3.25
Dark Linda Lou	M-Anem.	Sport of Linda Lou	Nov. 10	2.75	Dark Pink Supreme	L-Anem.	Lavender	Dec. 10	3.25
Miss Clarinda, New	M-Pomp.	Light Lavender	Nov. 10	5.00	*Debutante (90), New	L-Daisy	Orchid	Dec. 10	4.50
†Queen of Pinks	L-Pomp.	Lavender	Nov. 10	2.75	*Minstrel (96)	M-Pomp.	Lavender Pink	Dec. 13	3.50
†Thyra (76)	L-Pomp.	Lavender	Nov. 10	3.00	Coronet	M-Daisy	Dark Pink	Dec. 15	4.50
*Soprano (76)	M-Daisy	Rose Pink	Nov. 10	4.00	Dark Riviera	M-Dec.	Orchid Pink	Dec. 15	3.50
Tuxedo	L-Anem.	Rose Pink	Nov. 10	3.25	†Riviera (96)	M-Dec.	Pink	Dec. 15	3.00
†Masterpiece (76)	M-Pomp.	Deep Lavender	Nov. 12	2.75	*Defiance (96)	L-Pomp.	Orchid Pink	Dec. 20	4.00
Rose Masterpiece	M-Pomp.	Sport of Masterpiece	Nov. 12	3.50	*Medallion (96)	M-Pomp.	Pink	Dec. 20	4.50
Salmon Masterpiece	M-Pomp.	Sport of Masterpiece	Nov. 12	3.50	Pink Treasure Island	M-Dec.	Light Lavender	Dec. 20	2.50
					*Rosalind (96)	M-Daisy	Rose Pink	Dec. 20	2.75

VARIETIES GROUPED BY NUMBER OF SHORT DAYS REQUIRED TO FLOWER

(Continued from Page 52)

YELLOW—POMPONS

Variety	Recommended for Flowering
86 Day Group	
Brandywine	Dec. 1—Feb. 28
Challenge	Dec. 15—Mar. 15
Cinderella	Nov. 15—Feb. 28
Golden Jane	Oct. 15—Mar. 15
Goldtone	Oct. 15—Mar. 15
Omega	Oct. 15—Mar. 31
Sunnyside	Oct. 15—Mar. 31
Yellow Cameo	Oct. 15—Mar. 15
96 Day Group	
Corsair	Oct. 15—Mar. 15
Shamrock	Nov. 1—Feb. 28
Yellow Riviera	Nov. 1—Feb. 28

PINK—POMPONS

56 Day Group	
Mary McArthur	July 15—Oct. 31
Reward	May 1—Oct. 31
66 Day Group	
Ballerina	May 16—Oct. 31
Jessie	Aug. 1—Oct. 31
Pink Dot	Aug. 1—Oct. 31
*Pink Sprite	Aug. 1—Oct. 31
76 Day Group	
Brocade	Oct. 1—Apr. 30
Linda Lou	Jan. 1—Dec. 31

PINK—POMPONS

Variety	Recommended for Flowering
76 Day Group (Continued)	
Marjorette	Apr. 1—June 30
Masterpiece	Mar. 15—June 15 and Sept. 15—Dec. 31
Pink L. I. Beauty	Oct. 1—Mar. 31
Soprano	Sept. 15—Mar. 31
Taffeta	Apr. 15—June 15 and Oct. 1—Nov. 30
Thyra	Sept. 15—Nov. 30 and May 1—June 30
86 Day Group	
Dark Enchantress	Dec. 1—Feb. 28
Dark Valencia	Oct. 15—Mar. 15
Debutante	Nov. 1—Feb. 28
Enchantress	Dec. 1—Feb. 28
Pinky	Oct. 1—Mar. 31
Valencia	Oct. 15—Mar. 15
96 Day Group	
Defiance	Nov. 1—Feb. 28
Medallion	Nov. 1—Feb. 28
Minstrel	Oct. 15—Mar. 15
Riviera	Nov. 1—Feb. 28
Rosalind	Dec. 1—Feb. 28

BRONZE AND RED—POMPONS

56 Day Group	
Buckskin	May 1—Oct. 31

BRONZE AND RED—POMPONS

Variety	Recommended for Flowering
66 Day Group	
Red Seneca	Mar. 15—Apr. 30 and Sept. 15—Nov. 15
Seneca	Mar. 15—May 15 and Sept. 15—Nov. 15
76 Day Group	
Beauregard	Jan. 1—Dec. 31
Bittersweet	Oct. 1—Mar. 31
Bronze Goldsmith	Oct. 1—Mar. 31
Bronze Masterpiece	Mar. 15—June 15 and Oct. 15—Dec. 31
Bronze Thyra	May 1—July 15 and Sept. 15—Oct. 31
Chevron	May 15—Nov. 15
Dr. Br. Masterpiece	Mar. 15—June 30 and Sept. 15—Dec. 31
Festival	Oct. 1—Apr. 30
Gold Braid	Sept. 15—Nov. 15
Indian Head	Sept. 15—Apr. 30
Paragon	Sept. 1—Nov. 15
Red Rust	Oct. 1—Mar. 31
Rubicon	Apr. 15—Nov. 15
Rusticon	Oct. 1—Mar. 31

(Continued on Page 54)

**Increase the number of long days by 10, to obtain better quality. Easiest method is to plant 10 days sooner.

POMPONS...DECORATIVE, SINGLE DAISY, ANEMONE

SYMBOLS:

L—Large

()—Number of short days required to flower.

M—Medium

S—Small

Dec.—Decorative

Anem.—Anemone

†Recommended for pot culture

*Suitable for shading

Varieties so indicated are recommended for use in year round flowering program.

BRONZE AND RED—POMS

	Size & Type	Color	Flowering Date	50 per 50		Size & Type	Color	Flowering Date	50 per 50
Marionette	S-Pomp.	Rust Red	Oct. 1	\$4.50	Chanticleer	L-Pomp.	Red Bronze	Nov. 10	\$4.50
Firecracker	M-Dec.	Mahogany Bronze	Oct. 5	5.00	*Chevron (76)	M-Dec.	Red	Nov. 10	4.50
Bamboo	L-Daisy	Buff Bronze	Oct. 10	4.50	*Bronze Thyra (76)	L-Pomp.	Bronze	Nov. 10	4.00
Blueblood	M-Dec.	Deep Amaranth	Oct. 10	5.00	†Illini Rye	M-Pomp.	Straw Color	Nov. 12	5.00
Calico	M-Daisy	Coral Bronze	Oct. 10	4.50	*Gold Braid (76)	M-Pomp.	Bronze	Nov. 12	5.00
Fireside	M-Dec.	Burnt Orange	Oct. 10	4.50	†*Br. Masterpiece (76)	M-Pomp.	Bronze	Nov. 12	2.75
Witchery	M-Dec.	Golden Bronze	Oct. 12	4.50	*Paragon (76)	L-Pomp.	Red	Nov. 12	4.50
Nokomis	L-Dec.	Bronze	Oct. 12	4.50	*Dr. Br. Masterpiece (78)	M-Pomp.	Dark Bronze	Nov. 12	4.00
Nocturne	M-Pomp.	Crimson	Oct. 12	4.50	*Red Princeton	M-Dec.	Brazil Red	Nov. 15	3.25
Carmelita	M-Dec.	Orange Apricot	Oct. 12	4.50	Shalimar	M-Anem.	Orange Bronze	Nov. 15	5.00
Robinhue	M-Dec.	Red	Oct. 15	4.50	Bronze Princeton	M-Dec.	Br. Sp. of Princeton	Nov. 15	3.25
Cocktail	M-Pomp.	Salmon Orange	Oct. 15	5.00	Mrs. Dewey	L-Daisy	Coral Bronze	Nov. 15	4.50
Rajah	M-Daisy	Scarlet Red	Oct. 15	5.00	Illini Redhead	S-Pomp.	Deep Red	Nov. 17	4.00
Detroit	S-Pomp.	Reddish Bronze	Oct. 15	4.00	Illini Warrior	S-Pomp.	Orange Bronze	Nov. 20	4.00
*Adelaide	S-Pomp.	Dk. Red Bronze	Oct. 20	2.75	Legal Tender	M-Dec.	Br. & Gold	Nov. 20	2.50
*Jemima	M-Pomp.	Dk. Red Bronze	Oct. 20	2.75	Rusticon (80)	M-Pomp.	Red Rust	Nov. 20	3.00
*Buckskin (60)	S-Daisy	Tawny Bronze	Oct. 25	4.50	*Thelma (80)	M-Pomp.	Orange Red	Nov. 20	5.00
*Firebird	M-Dec.	Red Bronze	Oct. 25	2.75	Bourbon	M-Daisy	Rust Bronze	Nov. 20	4.00
*Bronze Dot	S-Pomp.	Bronze	Oct. 25	2.75	Carousel	M-Daisy	Coral Bronze	Nov. 23	4.50
*Bonton	M-Pomp.	Bronze	Oct. 25	3.25	Red Rolinda	M-Anem.	Dp. Red Bronze	Nov. 23	3.00
*Red Dot	S-Pomp.	Red	Oct. 25	3.50	Festival (76)	S-Daisy	Red	Nov. 23	4.00
*October Bronze	M-Daisy	Light Bronze	Oct. 28	3.25	Br. Minuet	M-Pomp.	Bronze	Nov. 23	3.50
*Bronze California Daisy	M-Daisy	Bronze	Nov. 1	*2.75	Yolanda	S-Anem.	Lt. Orange Br.	Nov. 25	2.50
Firefly	M-Pomp.	Red	Nov. 1	4.50	Br. Goldsmith (80)	M-Dec.	Orange Bronze	Nov. 25	3.25
Bronze Daisy	M-Daisy	Light Bronze	Nov. 1	3.00	Falcon (86)	M-Pomp.	Red-Bronze	Nov. 25	4.50
Navaho	M-Dec.	Crimson	Nov. 1	3.00	Indian Head (80)	M-Daisy	Red Apricot Br.	Nov. 28	4.50
Buccaneer	M-Daisy	Orange Apricot	Nov. 1	5.00	Apricot Valencia (86)	L-Daisy	Apricot	Nov. 28	3.00
*Seneca (66)	M-Dec.	Orange Bronze	Nov. 1	3.25	Crimson Valencia (86)	L-Daisy	Crimson	Nov. 28	4.00
Red Seneca (66)	M-Dec.	Red	Nov. 1	4.00	Amberina	M-Dec.	Orange Bronze	Dec. 1	5.00
Br. Buckingham	M-Daisy	Orange Bronze	Nov. 3	2.75	Galaxy (86)	M-Daisy	Bronze	Dec. 1	4.00
Beauregard (76)	M-Pomp.	Red-Orange	Nov. 5	4.50	Mahogany Viking (86)	L-Daisy	Mahogany	Dec. 5	3.50
*Butterscotch	M-Pomp.	Golden Bronze	Nov. 5	4.00	Dazzler	M-Anem.	Copper Bronze	Dec. 5	5.00
*Cassandra	M-Pomp.	Orange Bronze	Nov. 5	3.00	Debonair	L-Pomp.	Crimson	Dec. 5	3.00
*Red Rust (76)	L-Pomp.	Red Bronze	Nov. 5	3.00	Pageantry	M-Pomp.	Red	Dec. 10	4.50
*Rubicon (76)	M-Dec.	Bronze Red	Nov. 5	4.00	Bronze Supreme	L-Anem.	Apricot	Dec. 10	3.25
Magician	L-Pomp.	Bronze	Nov. 5	4.50	Harlequin	M-Dec.	Crimson Red	Dec. 10	5.00
*Red Daisy	M-Daisy	Deep Red	Nov. 5	3.25	Red Supreme	L-Anem.	Dr. Apricot	Dec. 10	4.00
*Bittersweet (76)	M-Daisy	Red	Nov. 5	3.00	Cavalcade	M-Pomp.	Mand. Red	Dec. 10	3.50
†Gypsy	S-Anem.	Light Bronze	Nov. 8	2.75	Holiday (86)	M-Daisy	Red	Dec. 10	4.00
*Copperhead (70)	L-Dec.	Copper-Bronze	Nov. 10	4.50	Christmas Star (86)	M-Daisy	Scarlet Red	Dec. 12	3.50
Br. Tuxedo	L-Anem.	Bronze	Nov. 10	3.25	Bronze Minstrel (96)	L-Pomp.	Bronze	Dec. 13	4.00
Mason's Bronze	L-Daisy	Burnt Orange	Nov. 10	3.25	Br. Riviera (96)	M-Pomp.	Bronze	Dec. 15	4.00
Illini Burma	L-Pomp.	Light Bronze	Nov. 10	5.00	Topaz	M-Daisy	Orange Bronze	Dec. 15	5.00
Europa	L-Daisy	Cardinal Red	Nov. 10	4.00	Sarong	M-Daisy	Crimson	Dec. 15	3.25
Br. Linda Lou	M-Pomp.	Sport of Linda Lou	Nov. 10	4.00	Christmas Greeting (96)	L-Dec.	Red	Dec. 15	4.50
Mason's Red	L-Daisy	Red	Nov. 10	3.25	Claret	M-Daisy	Red	Dec. 15	5.00
*Sylvanna (76)	M-Daisy	Orange Bronze	Nov. 10	3.00	Merrymaker (96)	M-Daisy	Crimson Red	Dec. 20	4.00
The Titan	L-Anem.	Scarlet Crimson	Nov. 10	3.25	Poinsettia	L-Daisy	Scarlet Red	Dec. 20	5.00
*Samovar	M-Dec.	Rosewood Brze.	Nov. 10	4.00					

VARIETIES GROUPED BY NUMBER OF SHORT DAYS REQUIRED TO FLOWER

(Continued from Page 53)

BRONZE AND RED—POMPONS		
Variety	Recommended for Flowering	
86 Day Group		
Apricot Valencia	Oct. 15—Mar. 15	
Christmas Star	Oct. 15—Mar. 15	
Crimson Valencia	Oct. 15—Mar. 15	
Falcon	Oct. 15—Mar. 15	
Galaxy	Oct. 1—Mar. 31	
Holiday	Oct. 1—Mar. 31	
Mahogany Viking	Oct. 1—Mar. 31	
96 Day Group		
Bronze Minstrel	Oct. 15—Mar. 15	
Bronze Riviera	Nov. 1—Feb. 28	
Christmas Greeting	Nov. 15—Feb. 15	
Merrymaker	Nov. 1—Feb. 28	

WHITE — STANDARDS

56 Day Group		
Queen's Lace	Mar. 1—June 30 and Sept. 1—Dec. 1	

WHITE—STANDARDS		
Variety	Recommended for Flowering	
Silver Sheen	Aug. 1—Oct. 31	
66 Day Group		
Betsy Ross	Apr. 1—Oct. 31	
Indianapolis White	Sept. 15—June 15	
Jean Elizabeth	Jan. 1—Dec. 31	
76 Day Group		
Chattanooga	Oct. 15—Mar. 15	
Marketeer	Oct. 1—Mar. 31	
Mefo	Jan. 1—Dec. 31	
Monument	Jan. 1—Dec. 31	
86 Day Group		
December Glory	Nov. 15—Feb. 28	

YELLOW — STANDARDS

56 Day Group		
Blazing Gold	June 1—Oct. 31	
Good News	June 15—Nov. 15	

YELLOW — STANDARDS		
Variety	Recommended for Flowering	
66 Day Group		
Indianapolis Yellow	Sept. 15—June 15	
Yellow Lace	Mar. 1—June 30 and Sept. 1—Dec. 31	
Yellow Queen	Sept. 15—June 30	
76 Day Group		
Golden Mrs. Ross	Oct. 15—Mar. 15	
Golden Pearson	Jan. 1—Dec. 31	
Harvester	Oct. 15—Mar. 15	
Yellow Chattanooga	Oct. 15—Mar. 15	
Yellow Mefo	Sept. 15—June 30	
Yellow Monument	Sept. 15—June 30	

PINK — STANDARDS

66 Day Group		
Dark Orchid Queen	Sept. 15—Nov. 15	
Indianapolis Pink	Sept. 15—June 15	
Orchid Queen	Oct. 1—Apr. 30	

GARDEN VARIETIES

SYMBOLS:

L—Large
C—Cushion

D—Decorative
S—Single

P—Pomp.
B—Button

†Recommended for pot culture
*Suitable for shading

WHITE

Type	Color	Blooming Height Date	50 per 50	Type	Color	Blooming Height Date	50 per 50
Candlelight	(D) Cr. Yellow Ctr.	Med. Sept. 5	\$3.00	Pepita	(B) Egg Shell White	Med. Sept. 29	\$3.50
†White Cushion	(C) White	Short Sept. 8	2.75	Snowfall	(D) White Cream Ctr.	Med. Sept. 29	3.50
Dee Dee Ahrens	(D) Pure White	Tall Sept. 10	3.00	Ermine	(LD) Ivory	Med. Oct. 1	4.50
Paper White	(D) White	Short Sept. 10	4.50	Winterset	(LD) White	Med. Oct. 1	3.25
†Chris Columbus	(LD) Cream White	Tall Sept. 15	3.00	Avalanche	(LD) White	Med. Oct. 1	3.25
Calcite	(D) White Cream Ctr.	Med. Sept. 15	3.00	Horizon	(P) White	Med. Oct. 5	5.00
Drifted Snow	(D) Cream White	Med. Sept. 15	3.00	Fragrant	(D) White	Tall Oct. 5	3.25
†Polar Ice	(LD) White	Med. Sept. 15	3.50	†Lyric	(S) White	Short Oct. 5	5.00
White Bounty	(B) White Yel. Ctr.	Tall Sept. 15	3.50	Monogram	(S) White	Short Oct. 5	4.50
White Tower	(P) Cream White	Tall Sept. 15	4.00	Youdath's White	(LD) White	Med. Oct. 5	2.75
Shelimar, New	(LP) Cream	Tall Sept. 25	5.00	Mrs. Fischer	(P) White	Tall Oct. 10	2.75
White Wonder	(P) Cream	Tall Sept. 25	3.00	Perfection	(L-Inc.) Cream	Tall Oct. 10	4.00
White Cloud	(D) White	Tall Sept. 25	3.00	†White Spoon	White	Tall Oct. 10	2.75
Misty Maid	(D) White	Med. Sept. 28	7.50	Model O'Perfection	(B) White	Med. Oct. 15	2.75

YELLOW

Butter Ball	(B) Golden Yellow	Short Sept. 1	\$3.00	Catherine Collins	(B) Lemon Yellow	Tall Sept. 25	\$3.25
†Early Gold	(P) Golden Yellow	Short Sept. 5	4.00	*Moonlight, New	(D) Bright Yellow	Med. Sept. 25	7.50
Yellow Cushion	(C) Light Yellow	Short Sept. 8	2.75	†Morning Star	(D) Primrose Yellow	Med. Sept. 25	3.00
Golden Hours	(P) Deep Lemon	Med. Sept. 8	3.25	Tangerine	(LD) Orange	Med. Sept. 25	3.25
W. P. Snyder	(LP) Apricot Orange	Med. Sept. 10	3.50	Flaxan Beauty	(LD) Golden	Med. Oct. 1	6.25
†Pomponette	(P) Golden Yellow	Short Sept. 15	3.00	King Midas	(LD) Lemon Yellow	Med. Oct. 1	2.75
Sunapee	(P) Deep Yellow	Tall Sept. 15	3.25	†Honeycomb	(P) Golden Yellow	Med. Oct. 1	3.00
†Yellow Supreme (Hardy)	(C) Yellow Cushion	Short Sept. 15	3.25	Zantha	(B) Canary Yellow	Med. Oct. 1	3.25
†Yellow Chris Columbus	(LD) Bright Yellow	Tall Sept. 15	6.25	Chiquita	(B) Lemon Yellow	Med. Oct. 1	3.25
†Early Yellow	(B) Deep Lemon	Short Sept. 15	2.75	James Eadie	(LP) Deep Lemon	Tall Oct. 5	3.25
Bambi	(D) Fawn Yellow	Med. Sept. 15	3.25	Polaris	(S) Golden Yel. Sgl.	Tall Oct. 5	4.50
Defiance (Hardy)	(D) Golden Yellow	Tall Sept. 15	3.50	Mrs. Rotan	(D) Golden Yellow	Med. Oct. 5	3.25
Golden Carpet	(P) Golden Yellow	Short Sept. 15	5.00	†Garland	(S) Yellow Daisy	Med. Oct. 5	5.00
Yellow Avalanche	(LD) Canary Yellow	Tall Sept. 15	3.25	†Yellow Spoon	Light Yellow	Med. Oct. 10	2.75
M. J. Costello	(D) Golden Yellow	Short Sept. 20	3.25	Gold Rush	(S) Lemon	Med. Oct. 10	4.50
Old Gold	(P) Golden Yellow	Med. Sept. 20	3.25	†Golden Spoon	Golden Yellow	Short Oct. 10	2.75
Sept. Sunshine	(S) Bright Yellow	Med. Sept. 20	3.25	Yellow Blanket	(B) Bright Yellow	Med. Oct. 10	3.25
Wychwood	(LP) Canary Yellow	Med. Sept. 20	3.25	Nytoda, New	(S) Golden Apricot	Med. Oct. 12	7.50
Charles Nye	(LP) Lemon Yellow	Tall Sept. 25	3.25	†Judith Anderson	(B) Golden Yellow	Med. Oct. 15	2.75
Canary Wonder	(P) Canary	Med. Sept. 25	6.25				

COMBINATION OFFER

For growers who are not familiar with Garden Varieties but who want a well balanced assortment, we offer the following collections, which include the better varieties:

SPECIAL NO. 1

500 Rooted Cuttings
Our selection
50 each of ten taller varieties for cutting

\$25.00

SPECIAL NO. 2

500 Rooted Cuttings
Our selection for pots or bedding
50 each, ten varieties

\$25.00

SPECIAL NO. 3

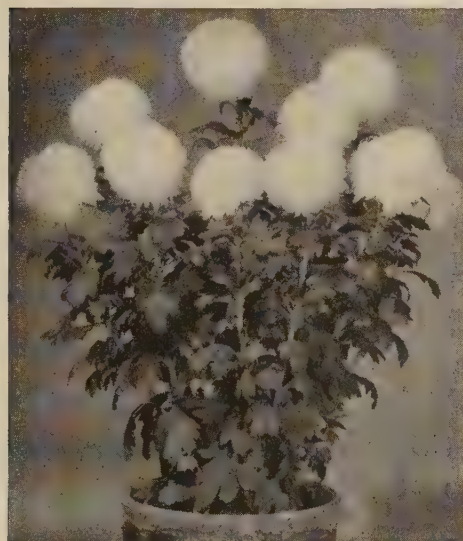
500 Rooted Cuttings
Our selection
50 each of five varieties for cutting
50 each of five varieties for bedding

\$25.00

SPECIAL NO. 4

500 Rooted Cuttings
Our selection for Mother's Day blooming

\$25.00



THIS TABLE INDICATES PRICES FOR MORE THAN 50 OF A VARIETY FOR SHIPMENT

	50	100-250	300-450	500-950	1000-2450	2500 up
	Per 50	Per 100	Per 100	Per 100	Per 100	Per 100
GRANITE	\$ 2.50	\$ 4.75	\$ 4.50	\$ 4.25	\$ 4.00	\$ 3.75
STATE	2.75	5.20	4.95	4.65	4.40	4.10
	3.00	5.70	5.40	5.10	4.80	4.50
A Fine White	3.25	6.15	5.85	5.50	5.20	4.85
Pot Mum	3.50	6.65	6.30	5.95	5.60	5.25
for the	4.00	7.60	7.20	6.80	6.40	6.00
Fall Season	4.50	8.55	8.10	7.65	7.20	6.75
	5.00	9.50	9.00	8.50	8.00	7.50
	6.25	12.00	11.50	11.00	10.50	10.00
	7.50	14.50	14.00	13.50	13.00	12.50

**Varieties so marked not subject to above table of quantity discounts. Write for prices for quantities greater than 50.

GARDEN VARIETIES

SYMBOLS:

L—Large
C—CushionD—Decorative
S—SingleP—Pom.
B—Button†Recommended for pot culture
*Suitable for shading

PINK

Type	Color	Height	Date Blooming	50 per 50	Type	Color	Height	Blooming Date	50 per 50
Gladness (D)	China Rose	Short	Aug. 28	\$3.50	Rosita (B)	Persian Rose	Tall	Sept. 28	\$3.25
Dr. Longley (D)	Rose Pink	Med.	Sept. 1	4.50	†Betty (LD)	Pink Rose Ctr.	Med.	Sept. 28	3.25
Salmon Precose (D)	Salmon Pink	Short	Sept. 1	3.50	Patricia Lehman (D)	Peach Pink	Tall	Sept. 28	5.00
Welcome (S)	Mellow Purple	Med.	Sept. 1	2.75	†Coral Sea (D)	Buff Rose	Short	Oct. 1	2.75
Ambrosia (D)	Peach Pink	Med.	Sept. 5	3.50	Myrtle Walgreen (LP)	Amaranth Purp.	Med.	Oct. 1	3.50
Purple Star (P)	Purple	Med.	Sept. 5	2.75	†Tiffany Rose (S)	Deep Rose	Med.	Oct. 1	2.75
†Major Cushion (C)	Deep Pink	Short	Sept. 8	2.75	†Mrs. DuPont (LD)	Peach Pink	Tall	Oct. 5	2.75
Autumn Song (D)	Wine Rose	Med.	Sept. 10	3.25	†Lavender Lady (D)	Pink	Tall	Oct. 5	3.50
Barbara Small (P)	Lavender	Tall	Sept. 10	3.25	Enterprise (New) (P)	Amaranth	Tall	Oct. 5	7.50
Lavender Lassie (C)	Pink	Short	Sept. 10	5.00	Mellow Glow (P)	Peach Pink	Tall	Oct. 5	3.50
†Nye's Favorite (D)	Lavender	Med.	Sept. 10	3.50	Pk. Surprise (D)	Lavender	Tall	Oct. 5	4.00
†Orchid Helen (D)	Orchid, Dk. Eye	Med.	Sept. 10	5.00	†Orchid Spoon (D)	Orchid	Short	Oct. 10	2.75
Chippewa (LD)	Purple	Med.	Sept. 15	3.25	†Courtier (D)	Lavender Pink	Med.	Oct. 10	5.00
Violet (P)	Amaranth Pk.	Tall	Sept. 15	3.25	Dream Girl (D)	Lt. Lavender	Med.	Oct. 10	4.00
Achievement (D)	Deep Salmon	Short	Sept. 20	3.25	Lassie (D)	Dark Pink	Med.	Oct. 10	5.00
Tapestry (LD)	Bright Pink	Med.	Sept. 20	5.00	Masquerade (P)	Lavender Rose	Med.	Oct. 10	3.50
Pk. Princess (B)	Lt. Pink	Med.	Sept. 20	3.50	Winsome (L-Ref.)	Lav. Purple	Tall	Oct. 10	4.00
Fair Bow (P)	Lav. Pink	Med.	Sept. 20	3.50	†Rose Spoon (P)	Rose Pink	Med.	Oct. 10	2.75
Alert (LD)	Dk. Purple	Med.	Sept. 20	4.00	Argonne (P)	Amaranth Purp.	Tall	Oct. 10	4.00
†Heather Bloom (D)	Heather Pink	Med.	Sept. 20	3.00	†Allegro (P)	Shrimp Pink	Tall	Oct. 12	3.25
Olive Longland (LD)	Apricot Salmon	Med.	Sept. 25	2.50	Adagio (P)	Raspberry Rose	Tall	Oct. 12	4.50
Imp. Early Wonder (P)	Lavender	Tall	Sept. 25	3.00	Elizabeth Hood (New) (LP)	Lavender Pink	Med.	Oct. 12	7.50
†Spellbound (D)	Lavender	Med.	Sept. 25	3.25	Dawn Rose (LD)	Medium Pink	Med.	Oct. 15	4.00
Capt. John Smith (D)	Pink	Short	Sept. 25	2.75	Symphony (D)	Mauve & Lav.	Tall	Oct. 15	2.75
Pink Beauty (D)	Salmon Pink	Med.	Sept. 25	2.75	*Jewell (P)	Lavender	Med.	Oct. 15	3.00
September Dawn (D)	Rose Pink	Med.	Sept. 25	3.00	*Dark Jewell (P)	Dark Lavender	Med.	Oct. 15	3.00

SCHEDULE OF OPERATIONS FOR UNPINCHED CHRYSANTHEMUMS AT ANY SEASON

*Plant rooted cuttings	Light beginning	**Shade, beginning					Date of flowering
		For 56-day varieties	For 66-day varieties	For 76-day varieties	For 86-day varieties	For 96-day varieties	
Sept. 6	Sept. 6	Use 66-, 76- or 96-day varieties for this flowering period.	Nov. 1	Oct. 22	Oct. 12	Oct. 2	Jan. 6
Sept. 13	Sept. 13		Nov. 12	Nov. 2	Oct. 23	Oct. 13	Jan. 17
Sept. 19	Sept. 19		Nov. 22	Nov. 12	Nov. 2	Oct. 22	Jan. 27
Sept. 24	Sept. 24		Dec. 1	Nov. 21	Nov. 11	Nov. 1	Feb. 5
Oct. 1	Oct. 1		Dec. 11	Dec. 1	Nov. 21	Nov. 11	Feb. 15
Oct. 8	Oct. 8		Dec. 20	Dec. 10	Nov. 30	Nov. 20	Feb. 24
Oct. 17	Oct. 17		Jan. 8	Dec. 29	Dec. 19	Nov. 29	March 5
Oct. 26	Oct. 26		Jan. 17	Jan. 7	Dec. 28	Dec. 8	March 14
Nov. 3	Nov. 3		Jan. 25	Jan. 15	Jan. 5	Dec. 16	March 22
Nov. 13	Nov. 13		Feb. 2	Jan. 22	Jan. 12	Jan. 2	March 30
Nov. 23	Nov. 23	Use 56-, 66- or 76-day varieties for this flowering period.	Feb. 10	Feb. 1	Jan. 21		April 7
Dec. 3	Dec. 3		Feb. 18	Feb. 8	Jan. 29		April 15
Dec. 13	Dec. 13		Feb. 26	Feb. 16	Feb. 6		April 23
Dec. 24	Dec. 24		March 5	Feb. 23	Feb. 13		April 30
Jan. 5	Jan. 5		March 14	March 4	Feb. 22		May 9
Jan. 16	Jan. 16		March 21	March 11	March 1		May 16
Jan. 27	Jan. 27		March 28	March 18	March 8		May 23
Feb. 6	Feb. 6		April 3	March 24	March 14		May 29
Feb. 15	Feb. 15		April 7	March 28	March 18		June 3
Feb. 25	Feb. 25		April 14	April 4	March 25		June 9
March 6	March 6	Not necessary to use lights between May 1 and August 1.	April 19	April 9	March 30		June 14
March 15	March 15		April 25	April 15	April 5		June 20
March 24	March 24		May 2	April 22	April 12		June 27
April 1	April 1		May 8	April 28	April 18		July 3
April 9	April 9		May 16	May 6	April 26		July 9
April 17	April 17		May 24	May 14	May 4		July 19
April 25	April 25		June 1	May 22	May 12		July 27
May 3			June 9	May 30	May 20		Aug. 4
May 10			June 17	June 7	May 28		Aug. 12
May 19			June 25	June 15	June 5		Aug. 20
May 26		Use 56-, 66- or 76-day varieties for this flowering period.	July 2	June 22	June 12		Aug. 27
June 2			July 9	June 29	June 19		Sept. 3
June 8			July 15	July 5	June 25		Sept. 9
June 13			July 20	July 10	July 1		Sept. 14
June 19			July 27	July 17	July 7		Sept. 21
June 24			Aug. 3	July 24	July 14		Sept. 28
June 30			Aug. 13	Aug. 3	July 24		Oct. 7
July 7			Aug. 21	Aug. 11	Aug. 1		Oct. 16
July 13			Aug. 29	Aug. 20	Aug. 9		Oct. 24
July 21			Sept. 8	Aug. 29	Aug. 19		Nov. 3
July 29		Use 56-, 66- or 76-day varieties for this flowering period.	Sept. 18	Sept. 8	Aug. 19		Nov. 13
Aug. 6			Sept. 28	Sept. 18	Aug. 29		Nov. 23
Aug. 14			Oct. 8	Sept. 28	Sept. 8		Dec. 3
Aug. 22			Oct. 19	Oct. 9	Sept. 29		Dec. 14
Aug. 30			Oct. 31	Oct. 21	Oct. 11		Dec. 26

*Should you wish to grow pinched plants for any season, pinch the plants on the dates given in the column headed "Plant rooted cuttings" but be sure to plant the rooted cuttings 2 to 3 weeks previous to this date.

**No need to use black cloth between Sept. 1 and Feb. 15 unless lights are used in the same house.

A HOUSE
OF STOCK
PLANTS
FOR ABC
CUTTINGS



THIS TABLE INDICATES PRICES FOR MORE THAN 50 OF A VARIETY FOR SHIPMENT

50 Per 50	100-250 Per 100	300-450 Per 100	500-950 Per 100	1000-2450 Per 100	2500 up Per 100
\$ 2.50	\$ 4.75	\$ 4.50	\$ 4.25	\$ 4.00	\$ 3.75
2.75	5.20	4.95	4.65	4.40	4.10
3.00	5.70	5.40	5.10	4.80	4.50
3.25	6.15	5.85	5.50	5.20	4.85
3.50	6.65	6.30	5.95	5.60	5.25
4.00	7.60	7.20	6.80	6.40	6.00
4.50	8.55	8.10	7.65	7.20	6.75
5.00	9.50	9.00	8.50	8.00	7.50
6.25	12.00	11.50	11.00	10.50	10.00
7.50	14.50	14.00	13.50	13.00	12.50

**Varieties so marked not subject to above table of quantity discounts. Write for prices for quantities greater than 50.

GARDEN VARIETIES

SYMBOLS:

L—Large
C—Cushion

D—Decorative
S—Single

P—Pom.
B—Button

†Recommended for pot culture
*Suitable for shading

BRONZE AND RED

Type	Color	Height	Blooming Date	50 per 50	Type	Color	Height	Blooming Date	50 per 50
†Early Harvest (Cushion) (C)	Mahog. Orange	Short	Sept. 8	\$3.25	Cydonia (LD)	Mahogany Red	Tall	Oct. 5	\$2.75
Harbinger (D)	Golden Br.	Med.	Sept. 8	3.25	Meditation (P)	Jasper Red	Tall	Oct. 5	3.25
†Early Bronze (B)	Orange Br.	Short	Sept. 8	2.75	†September Cheer (D)	Cherry Red	Med.	Oct. 5	2.75
Red Gold (B)	Red & Gold	Med.	Sept. 15	3.25	Burgundy (LD)	Wine Red	Tall	Oct. 5	2.75
†September Bronze (B)	Golden Br.	Med.	Sept. 20	2.75	Ruby Pompon (P)	Ruby Crimson	Med.	Oct. 5	2.75
Red Glow (P)	Dark Red	Med.	Sept. 20	4.00	†Red Velvet (LD)	Dark Crimson	Med.	Oct. 5	3.25
Goblin (P)	Reddish Br.	Tall	Sept. 20	2.75	Mona (P)	Rust-Bronze	Med.	Oct. 5	4.50
Scarlet Crimson (D)	Bright Crimson	Med.	Sept. 20	3.25	Courageous (D)	Ruby Red	Tall	Oct. 5	3.25
Mandalay (P)	Orange Br.	Tall	Sept. 25	3.25	Sequoia (D)	Amber	Med.	Oct. 5	2.75
†Champ. Cushion (C)	Deep Br.	Short	Sept. 25	2.75	Panorama (D)	Orange Rust	Tall	Oct. 8	7.50
Com'dr Cushion (C)	Red	Short	Sept. 25	2.75	Aviator (P)	Copper	Med.	Oct. 8	3.25
†Mahogany Cushion (C)	Jasper Red	Short	Sept. 25	4.00	Amber Glow (D)	Rosey Bronze	Tall	Oct. 8	3.25
Remembrance (LD)	Deep Carmine	Med.	Sept. 28	5.00	The Chief (D)	Scarlet & Gold	Med.	Oct. 10	2.75
Kathleen Lehman (D)	Orange Br.	Med.	Sept. 28	5.00	Huntsman (LD)	Brilliant Crimson	Tall	Oct. 10	4.50
Brigadier (New) (LP)	Carmine	Med.	Oct. 1	7.50	Caravan (LD)	Burnt Or.	Tall	Oct. 10	5.00
Fiesta (P)	Orange Rust	Med.	Oct. 1	3.50	Air-Way Debut (LD)	Golden Bronze	Med.	Oct. 10	3.25
Inspiration (LD)	Apricot Orange	Tall	Oct. 1	3.25	Bokhara (D)	Crimson & Wine	Med.	Oct. 10	4.00
Magnificent (LD)	Plum Red	Tall	Oct. 1	3.50	Carnival (LD)	Burnt Orange	Tall	Oct. 10	3.50
Mogul (New) (P)	Orange Rust	Med.	Oct. 1	7.50	Carmine Queen (LP)	Carmine Red	Tall	Oct. 10	4.50
Red Ridinghood (D)	Bright Red	Tall	Oct. 1	3.25	Admiral (D)	Dark Crimson	Med.	Oct. 12	5.00
Sam Williston (C)	Fiery Red Cush.	Short	Oct. 1	2.75	Beacon (LD)	Coral Apricot	Tall	Oct. 15	4.50
Bonfire (D)	Bright Red	Med.	Oct. 1	3.50	Bronze Pyramid (LD)	Orange Bronze	Tall	Oct. 15	3.25
Cardinal Spoon	Cardinal Red	Med.	Oct. 1	3.50	Carmelita (New) (LD)	Apricot Bronze	Tall	Oct. 15	4.50
Avalon (New) (P)	Yel. Tube Orange Br.	Tall	Oct. 5	7.50					

COMBINATION OFFER

For growers who are not familiar with Garden Varieties but who want a well balanced assortment, we offer the following collections, which include the better varieties:

SPECIAL NO. 1

500 Rooted Cuttings
Our selection
50 each of ten taller varieties for cutting
\$25.00

SPECIAL NO. 3

500 Rooted Cuttings
Our selection
50 each of five varieties for cutting
50 each of five varieties for bedding
\$25.00

SPECIAL NO. 2

500 Rooted Cuttings
Our selection for pots or bedding
50 each, ten varieties
\$25.00

SPECIAL NO. 4

500 Rooted Cuttings
Our selection for Mother's Day blooming
\$25.00

TERMS OF SALE

1. The minimum total order that can be accepted is 500 cuttings.
2. Fifty of each variety is the minimum that can be supplied.
3. More than 50 of a variety must be in multiples of 50.
4. No C.O.D. orders.
5. **SAFE ARRIVAL** cannot be guaranteed. All shipments must be in satisfactory condition before being accepted by the common carrier. Our responsibility ceases upon receipt of shipment by their agent. If shipment arrives in bad order, i.e., broken, frozen or heated, call your express agent, have him inspect shipment and mark condition on the express receipt. Customer must file claim against the common carrier.

SUBSTITUTIONS—Our growers will substitute equal or better varieties for items not available unless order is marked **NO SUBSTITUTIONS!** To avoid substitutions, place your order 6 months before delivery date.

CHANGES OR CANCELLATIONS on orders must be received at least 30 days before shipping date!

DISCOUNTS—2% for cash with an order for plants.

AIR SHIPMENTS—If you live in or near a city with air service, check the rates. In many cases you will find them almost as cheap as railway express rates and delays in transit will be avoided.

We, the American Bulb Company, act as agents for the growers, and we do not warrant in any way, expressed or implied, the description, quality, productiveness or any other matter of any cuttings or plants sold by us. We, further, will in no way be responsible for failure to deliver on dates requested.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of orders, and we reserve the right to advance prices without notice.

Carnation . . . Rooted Cuttings 1951-1952 Season

CUTTINGS WILL BE AVAILABLE FROM DECEMBER TO APRIL

Varieties marked (*) are sold under growers patent or restricted agreement.

WHITE	Per 100	Per 1000
Mercury White	\$15.00	\$125.00
Northland. A very popular white.....	12.00	100.00
Olivette. Fine white.....	10.00	90.00
Patrician. White	10.00	90.00
Puritan. White	8.00	70.00
Shangri-La. White	15.00	125.00
*White Briry. White.....	12.00	100.00
White Baums Supreme. White.....	15.00	125.00
White Mercury. Fine, large white.....	15.00	125.00
White Peter Fisher. White.....	10.00	80.00
*White Sidney Littlefield. New.....	20.00	150.00
White Sim. White.....	20.00	150.00

YELLOW	Per 100	Per 1000
Harvest Moon. Light orange yellow.....	15.00	125.00
Miller's Yellow. Yellow.....	15.00	125.00
*Pattens Yellow. Yellow.....	20.00	150.00

LIGHT PINK	Per 100	Per 1000
Hercules Virginia. Light Pink.....	15.00	125.00
*Light Pink Abundance. Light Pink.....	10.00	90.00
Netta. Light Pink.....	15.00	125.00
Peter Fisher	10.00	80.00
*Petersen's Pink Sim. Sport of Wm. Sim.....	20.00	150.00
Princess Elizabeth. New. Light Pink.....	20.00	150.00
Princess Irene. New. Light Pink.....	15.00	125.00
*Spirit of St. Louis. Light Pink.....	15.00	125.00
Virginia. Light or Flesh Pink.....	10.00	80.00
Virginia Supreme. Light Pink.....	12.00	100.00

MEDIUM PINK	Per 100	Per 1000
Giant Peter Fisher.....	12.00	100.00
Mrs. Eleanor Roosevelt. New. Rose Pink.....	20.00	150.00
Pink Mercury	15.00	125.00
*Regal Pink. New. Soft rose pink.....	20.00	150.00
Sidney Littlefield. Medium Pink.....	20.00	150.00
Virginia Irvin	15.00	125.00
Virginia Rose. Medium Pink.....	10.00	90.00

SALMON PINK	Per 100	Per 1000
*Charm. Excellent Salmon Pink.....	20.00	150.00
Excellence. Medium salmon pink.....	25.00	200.00
Janie	22.00	180.00
*Lexington. Salmon Pink.....	20.00	150.00
Orange Virginia. Salmon Pink.....	10.00	90.00
Sally. Salmon Pink Sport of Virginia.....	10.00	80.00
Salmon Selection. Salmon Pink.....	10.00	90.00
Salmon Virginia. Light Salmon Pink.....	10.00	80.00

DARK PINK	Per 100	Per 1000
Baums Supreme. Beautiful Cerise Pink.....	15.00	125.00
*Canup's Pride. Cerise Cherry Pink.....	15.00	125.00
Chalfont	20.00	150.00
*Citation. Striking Rose Pink, Silver Edge.....	20.00	150.00
Dark Pink Virginia. Dark Pink.....	10.00	90.00
Derigo. Dark Pink.....	10.00	90.00
John Briry. Brilliant Dark Pink.....	10.00	80.00
Kentucky. Dark Pink.....	15.00	125.00
Lavender Rose	20.00	150.00
*Rosalie. Dark Medium Pink.....	20.00	150.00
Silverlyn	10.00	80.00
Spicy Rose. Rose pink.....	20.00	150.00
Virginia Miller. Dark Pink.....	12.00	100.00
*Waltham Pink. New. Deep pink.....	20.00	150.00

RED	Per 100	Per 1000
Crimson Sphynx. Bright crimson.....	\$20.00	\$150.00
Imp Cardinal. Scarlet red.....	12.00	100.00
*Jumbo Cardinal. Brilliant Red.....	15.00	125.00
No. 14 Crimson. Crimson Red.....	15.00	125.00
*Olympic. Dark Red.....	12.00	100.00
Red No. 16. Red.....	15.00	125.00
Red Seth Parker. Scarlet Red.....	12.00	100.00
Red Beauty. Scarlet.....	20.00	150.00
*Seth Parker. Dark Red.....	20.00	150.00
Spitfire. Scarlet	12.00	100.00
*Tom Knipe. Fine Red.....	20.00	150.00
Victory Red. Vivid Red.....	12.00	100.00
Virginia. Dark Pink	15.00	125.00
*William Sim. Cardinal Red.....	20.00	150.00
Woosters Scarlet. New red.....	12.00	100.00

MAROON	Per 100	Per 1000
Topper. Velvety maroon.....	22.00	180.00
C. W. Weld. Dark Red Maroon.....	12.00	100.00
Woburn. Maroon	10.00	90.00

NOVELTIES	Per 100	Per 1000
Baby Bronze. Yellow with slight pink tinting.....	20.00	150.00
Barbara Brigham. Orange with Pink Stripe.....	10.00	90.00
Bettie Davis. Cream white with pink markings.....	15.00	125.00
Bing Crosby. Yellow with rose pink edge.....	20.00	150.00
Butterscotch. Yellow buff with slight pink tinting.....	20.00	150.00
Coronet. Yellow-Red Pencilling.....	15.00	125.00
Dairy Maid. White-Red Pencilling.....	10.00	90.00
Dark Dimity. Orchid-Maroon Pencilling.....	10.00	90.00
Dimity. White-Maroon Pencilling.....	10.00	90.00
Frosted Patrician. White overlaid with pink.....	10.00	80.00
Georgiana. A white Coronet.....	10.00	90.00
Gaegers Variegated Sim.....	15.00	125.00
Glowing Ember. Yellow with red variegations.....	10.00	80.00
Golden Wonder. Yellow Variegated.....	10.00	80.00
Harlequin. Variegated Novelty.....	15.00	125.00
Marchioness of Headford.....	15.00	125.00
*Mrs. Bradford. Clear Orchid.....	20.00	150.00
*Mrs. E. F. Guba. New Pale almond with vivid deep edges and lines.....	20.00	150.00
Mohawk. Yellow with pink stripes.....	22.00	180.00
Nancy. Variegated Orchid, Darker Center.....	20.00	150.00
Olmsted Orange. Orange Red Pencilling.....	12.00	100.00
Pelargonium. White Overlaid with Maroon.....	15.00	125.00
Pink Art. Variegated novelty.....	20.00	150.00
Raspberry Ice. White with pale orchid.....	20.00	150.00
*Reina. White Flecked with Pink.....	15.00	125.00
*Sarah Jane Knipe. Bright Purple with Silver Edge.....	20.00	150.00
Scarlet King. White Overlaid with Scarlet.....	15.00	125.00
*Sphynx. Rose Pink with Crimson Stripes.....	20.00	150.00
Starlight. White with pink stripes.....	15.00	125.00
*Sylvia. White with Pink Stripes.....	15.00	125.00
*Symphony. Reddish Purple Stripes on Mauve.....	20.00	150.00
*Valentine. Bright scarlet center, white edge.....	20.00	150.00
Variegated. Peter Fischer. White and deep rose.....	20.00	150.00

Minimum order 100 of a Variety — 250 at the 1000 rate.

YODER BROTHERS' VARIETIES

Adonis. Winter white.	Midas. Yellow.
Aphrodite. Clear light pink.	Minerva. Scarlet pink.
Apollo. Salmon pink.	Neptune. Scarlet.
Aurora. White.	Orion. Yellow and red variegated.
Ceres. King Cardinal.	Saturn. Bronze variegated.
Diana. Light pink.	Venus. Pink.
Jupiter. White.	Vulcan. Maroon.

RS' VARIETIES		PRICES	
	Per 100		Per 100
50	\$18.00	500-950	\$15.30
100-250	17.10	1000-2450	14.40
300-450	16.20	2500-Up	13.50
Quantity prices apply to any one variety only.			

Quantity prices apply to any one variety only.

SPECIAL COLLECTION

Collection No. 1.	50 cuttings each of 14 Yoder varieties.....	\$126.00
Collection No. 2.	100 cuttings each of 14 Yoder varieties.....	239.40

No C.O.D. Orders Accepted.

Prices subject to change without notice.

A.F.S.

BLUEBOOK

THE COMPLETE GUIDE TO ALL HORTICULTURAL SUPPLIES -

FLORIST

GREENHOUSE

LANDSCAPING

Supplies for 1952



GOOD SUPPLIES bring GOOD RESULTS

SUPPLIES ARE SHIPPED FROM CHICAGO

All items of supplies listed in the A.F.S. Bluebook section of this catalog are shipped from Chicago unless a different F.O.B. point is shown.

Our eastern customers are urged to send their orders for supplies direct to Chicago rather than to our New York sales office in order to save time and insure prompt shipment.

A. F. S. SUPPLIES LISTED PAGES 60 to 104 ➔



A. F. S. RED RUBBER FABRIC STERILIZING CLOTH

A new high grade material

After years of testing various types of materials our factory has now come up with this fine material for covering benches when steam sterilizing.

Withstands steam and sunlight. Airtight and tough, yet very flexible. Will not mildew, lasts for years. Quickly rolled up and bundled. Fabric does not tear easily nor crack. It can be cleated to sides of bench if desired.

Made of a special red rubber fabric. Comes in two standard widths, 6 ft. or 8½ feet, and can be cut to any length. Weight is only 15 oz. a square yard. Send for free sample.

6 ft. wide. Per lineal yard.....\$5.00

8½ ft. wide. Per lineal yard..... 7.50

Shipped promptly from the factory in Philadelphia.

CLOTH FOR SHADING AND CLOTH HOUSES LONG LIFE SARAN CLOTH HOUSE

SARAN, the new material for cloth houses, is fast making the old cotton cloths obsolete. SARAN is a plastic screening made by Dow Chemical Co. and will outlast copper screening, giving 8 years service. Non-inflammable and practically waterproof. Air circulates freely through its fine mesh with 73% light filtration.

Our SARAN houses are sewn with an orlon thread which is guaranteed for the life of the cloth. SARAN does away with all storm dangers—no

more rips or tears from rain and wind.

Based on a made up cost of 42½¢ per square yard, a SARAN Cloth House will cost you approximately 5¢ per square yard per year; this means SARAN is the lowest cost cloth house on the market today.

SARAN is available either in green color or natural aluminum color. The aluminum color reduces the temperature in your house approximately 10%.

A little more cloth than the actual measurements of the frame, as additional material is needed for rolling around the wires and for slight variations in fitting the cloth to the frame when sewing.

	Sq. Yds. Required for House Top	Sq. Yds. Required for Sidewalls	Total Number Sq. Yds.	Green or Aluminum PRICE
33' x 33'.....	143	100	243	\$103.28
33' x 66'.....	264	140	404	171.70
33' x 99'.....	403½	184	587½	249.62
33' x 132'.....	520¾	232	752¾	319.88
66' x 66'.....	588	180	768	300.90
66' x 99'.....	806¾	224	1030¾	438.03

F.O.B.
New Jersey

	Sq. Yds. Required for House Top	Sq. Yds. Required for Sidewalls	Total Number Sq. Yds.	Green or Aluminum PRICE
66' x 132'.....	1041½	268	1309½	\$556.47
66' x 165'.....	1298	316	1614	685.95
99' x 99'.....	1210	276	1486	631.55
99' x 132'.....	1562	312	1874	796.45
99' x 165'.....	1947	360	2307	980.48

F.O.B.
New Jersey

SARAN CLOTH BY THE YARD

In bolt form, 36" wide. Green or aluminum. Per yard.....*36½¢

STORMKING CLOTH HOUSES

This old standby is still available in the sizes shown for Saran houses above, or by the yard. Unsewed. 36" wide. Per yard.....*18½¢ Sewed to dimension. Per sq. yard.....*20½¢

AMERICAN BLACK SHEEN SHADING CLOTH

For shading early Chrysanthemums. This well known fabric is the leader in the field and has been proven by test over the years to give extra years of service and reduces costs to a minimum.

American Black Sheen is guaranteed fast black, and is closely woven, treated, and pre-shrunk to keep out the light. It is 38% heavier than the average minimum prescribed for shading. It produces 99% darkness.

Available in bolts 36 inches wide or cut to any length. It can be sewn to any width in multiples of 36 in.

Note: There is a loss of about 2 inches per yard in width because of shrinkage in preparation and overlap in sewing, so be sure to allow for this in estimating the width of cloth needed.

Unsewed. Per yard.....*60½¢ Sewed. Per sq. yard.....*65¢

*MINIMUM CHARGE ON CLOTH ORDERS

Because of the expense of handling orders for small amounts of cloth, it is necessary to add a charge of \$2.00 on all orders for less than 100 yards.

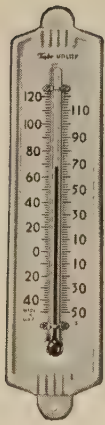
PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Grow your outdoor mums under cloth for best results, and shade with American Black Sheen.

THERMOMETERS AND TEMPERATURE ALARMS

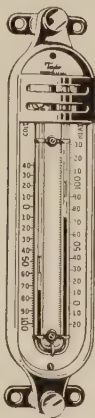
THERMOMETERS



No. 5127



No. 5703



No. 5448

"Utility" Thermometer

Metal. Enameled white background. Black letters. Red mercury. Easy to read. Very accurate.

No. 5127. Each.....\$ 1.75
Dozen 17.50

Hot Bed Thermometer

All glass with point at bottom. 0° to 220° F.

No. 5703. Each.....\$ 1.75
Dozen 17.50

Maximum and Minimum Thermometer

Floating steel discs tell the lowest and highest temperatures during absence. Reset with a magnet.

No. G-5448. Complete with Magnet....\$10.00
3 for 24.00

THERMOMETER—Outdoor

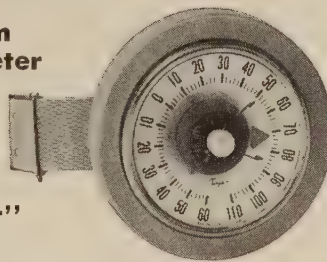
Read at a Glance



All brass and chrome plated, will not rust. The two-color scheme attracts immediate attention. Size 4" dial. Adjustable to all angles. Red center disc integral with indicating point. White dial with large black figures; will not discolor.

The most visible thermometer ever offered.
No. G-12. Each.....\$ 3.50
3 for 9.75
Dozen 30.00

Maximum and Minimum Thermometer

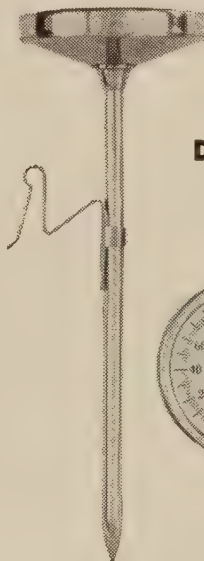


"Taylor"

New dial type in plastic case with two pointers to show highest and lowest temperatures reached since last setting. Easy to read, easy to reset. No magnets needed.

No. 5321. Each.....\$ 7.50
3 for 18.00

SOIL THERMOMETER

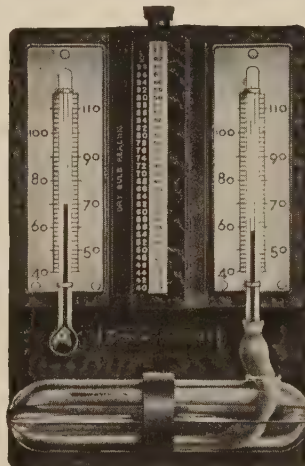


TEL-TRU
DIAL STEM



New type, highly recommended for measuring soil temperatures. Easy to read, very accurate. Very handy to use when steam sterilizing. Dial diameter, 2 1/8". Stem length 6". 0° to 220°.
No. FC-220F. Each.....\$3.00
3 for 8.25

HUMIDIGUIDE—Taylor Humidity Indicator—Wet Bulb



Has revolving humidity table with figures according to U. S. Government laboratory tests. This type of instrument will give you the accurate percentage of humidity. Weight 1 lb.
No. 5534. Each.....\$7.50

TEMPERATURE ALARM "Standard"



The Standard Temperature Alarm is an automatic device to warn of abnormally high or low temperatures in Greenhouses.

In places where heat is provided through automatically operated oil burners or stokers, and there is an ever present danger of loss of heat through mechanical or electrical power failure, installation of the Standard Temperature Alarm assures an automatic warning in case of failure. Where hand fired heaters are installed, a Standard Alarm provides an automatic check-up on human forgetfulness or oversight. These Alarms will guard against low or high temperatures twenty-four hours a day.

One cold snap or breakdown might cost you hundreds of dollars which could have been prevented, had you had sufficient WARNING. Watchdog of the greenhouse. Write for illustrated circular.

No. GH 3. Shipping Wt. 5 lbs.....\$17.00

No. GH 4. Shipping Wt. 6 lbs..... 22.00

The above prices do not include the batteries, bell or wire.

No. GH 4 can be locked by operator.

RECORDING THERMOMETER "Standard"



An accurate, dependable instrument for making a permanent time-temperature record of your greenhouse. Automatically draws a continuous record that shows at a glance the highest and lowest temperature over a weekly period, duration of any temperature extreme, and frequency and spread of temperature fluctuations. Range from 20° to 120° F. Furnished with Weekly Charts No. 2, or Daily Chart No. 3.

Each. F.O.B. Boston.....\$60.00
Extra Charts No. 2 or No. 3 per 100.... 2.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FERTILIZERS AND PLANT FOODS

FERTILIZER MATERIALS

ALUMINUM SULPHATE. For acidifying the soil.
Dangerous to use unless there is adequate amount of phosphate in the soil.

25 lbs.....\$1.60 50 lbs.....\$2.75
100 lbs.....3.95 200 lbs.....7.70

AMMONIUM PHOSPHATE.

Mono-Ammonium Phosphate.

Analysis: 11-48-0.

Di-Ammonium Phosphate.

Analysis: 21-53-0.

100 lbs.\$12.00

F.O.B. Chicago Heights, Illinois.

AMMONIUM SULPHATE. 21% Nitrogen.

25 lbs.....\$ 1.75 50 lbs.....\$ 3.25
100 lbs.....5.00 500 lbs.....23.50
1000 lbs.....45.00 Ton.....87.50

BLOOD, DRIED. 13% Nitrogen.

100 lbs.....\$12.00 1000 lbs.....\$115.00

BLOOD AND BONE. Analysis: 8-20-0.

100 lbs.....\$ 9.50 500 lbs.....\$ 45.00
1000 lbs.....87.50 Ton.....170.00

BONE TANKAGE. Analysis: 5.5-30-0.

100 lbs.....\$ 6.50 500 lbs.....\$ 30.00
1000 lbs.....55.00 Ton.....100.00

BONE MEAL, Steamed. Analysis: 2-27-0.

100 lbs.....\$ 5.75 500 lbs.....\$ 27.50
1000 lbs.....52.50 Ton.....100.00

BONE MEAL, Rose Growers. Analysis: 3.75-22-0.

100 lbs.....\$ 7.00 500 lbs.....\$ 33.75
1000 lbs.....65.00 Ton.....125.00

CALCIUM SULPHATE. (Agricultural Gypsum)

25 lbs.....75c 50 lbs.....\$1.25
100 lbs.....\$2.00 500 lbs.....7.50

HORN SHAVINGS. (Synthetic)

10 lbs.....\$1.50 25 lbs.....\$ 2.50
50 lbs.....4.00 100 lbs.....7.50
500 lbs.35.00

HYDRATED LIME. For sweetening the soil.

50 lbs.\$1.00

IRON SULPHATE. For acidifying the soil.

10 lbs.....\$0.75 25 lbs.....\$1.50
50 lbs.....2.25 100 lbs.....4.00

MAGNESIUM SULPHATE

10 lbs.....75c 25 lbs.....\$1.75
50 lbs.....\$3.00 100 lbs.....5.00

MANGANESE SULPHATE

5 lbs.....\$1.00 10 lbs.....\$1.75
25 lbs.....3.25 50 lbs.....6.00

MURIATE OF POTASH. (Potassium Chloride).

62% Potash.
100 lbs.....\$4.75 500 lbs.....\$20.00

NITRATE OF SODA. 16% Nitrogen.

100 lb. bag.....\$5.50 500 lbs.....\$25.00

SUPERPHOSPHATE. 20% Phos. (80 lb. bags).

80 lbs.....\$ 2.00 480 lbs.....\$10.80
960 lbs.....20.40 Ton.....39.85

COMPLETE FERTILIZERS

ACID PLANT FOOD. Analysis: 5-12-4. Creates an organic acid soil condition favorable to Azaleas, Gardenias, Hydrangeas, etc. Use 2-3 lbs. per 100 sq. ft.

80 lbs.\$6.00

F.O.B. Chicago or Lynn, Mass.

ELECTRA. Analysis: 5-10-3. A perfectly balanced organic fertilizer that provides uniform growth and color without softness. On benches or beds use 4 lbs. per 100 sq. ft. monthly. 80 lbs.....\$6.00

F.O.B. Chicago or Lynn, Mass.

VERTAGREEN FOR COMMERCIAL CROPS

Analysis: 6-12-12 with trace elements

100 lbs.....\$ 4.00 500 lbs.....\$19.00
1000 lbs.....36.00 Ton.....69.00

VERTAGREEN FOR PROFESSIONAL USE. Analysis: 10-8-6. Excellent for trees and shrubs.

100 lbs.....\$ 4.25 500 lbs.....\$20.00
1000 lbs.....37.50 Ton.....71.20

VERTAGREEN. Analysis: 5-10-5. Armour's Balanced Plant Food containing 5% Nitrogen, 10% Phosphorus and 5% Potash, as well as nine minor elements essential to plant growth and health.

1 lb. (15c list). Bale of 32.....\$2.88
5 lbs. (50c list). Bale of 12.....3.84
10 lbs. (90c list). Bale of 6.....3.54
25 lbs. (\$1.60 list). Each.....1.05
50 lbs. (\$2.65 list). Each.....1.85
100 lbs. (\$4.25 list). Each.....2.90

ANIMAL MANURES

CATTLE MANURE, Shredded.

500 lbs.....\$16.50 (Min. order, 500 lbs.)
1000 lbs.....30.00 Ton.....\$57.00

SHEEP MANURE, Pulverized.

100 lbs.....\$ 3.25 500 lbs.....\$15.00
1000 lbs.....28.00 Ton.....54.00

RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen— Phosphorus— Potash	Rate of Application	
		Dry	Liquid
AMMONIUM SULPHATE	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
NITRATE OF SODA.....	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
DRIED BLOOD	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
SUPERPHOSPHATE	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
BONE MEAL	2-27-0	5 lbs. per 100 sq. ft.	Insoluble
MURIATE OF POTASH.....	0-0-62	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
AMMONIUM PHOSPHATE	11-48-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
BLOOD AND BONE.....	8-20-0	3-4 lbs. per 100 sq. ft.	Insoluble
BONE TANKAGE	5-30-0	3-4 lbs. per 100 sq. ft.	Insoluble
IRON SULPHATE	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
CALCIUM SULPHATE	0-0-0	3-5 lbs. per 100 sq. ft.	
MAGNESIUM SULPHATE	0-0-0	½ lb. per 100 sq. ft.	
MANGANESE SULPHATE	0-0-0	¼ lb. per 100 sq. ft.	

COMPILED BY OHIO FLORIST ASSOCIATION

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WATER-SOLUBLE FERTILIZERS

KAPCO SOLUBLE FERTILIZERS. These high grade plant foods are proving their worth more and more each season to many leading growers. They are available in several formulas for your specific needs and have added minor elements. They feed economically, uniformly, quickly, safely.

Analysis 25 lbs. 80 lbs. 480 lbs. 800 lbs.
15-30-15\$5.25 \$15.20 \$86.40 \$136.00
20-20-205.50 16.00 91.20 136.00
22- 0-305.00 14.40 81.60 120.00
20-10-205.00 14.40 81.60 120.00

Azalea Acid.

21-7-7 plus.

20% Iron Sul-

phate 5.50 16.00 91.20 136.00

Write for prices of larger quantities

TAKE HOLD. Analysis: 10-52-17. All-soluble starter solution. Prevents set-back and stimulates growth.

3 lbs. bag.....\$1.00 Case of 15 bags.....\$10.00
50 lbs.10.50

HYPONEX. A scientifically compounded mixture of chemicals in dry form which, when dissolved in water, yields a nutrient solution which is capable of supplying all the essential elements in a properly balanced form necessary for vigorous plant growth.

1-oz. size 10c Ctn. of 72....\$ 4.80
3-oz. size 25c Ctn. of 36....6.00
7-oz. size 50c Ctn. of 24....8.00
1-lb.\$ 1.00 Ctn. of 12....8.00
10-lb.5.34 25-lb.10.00
50-lb.16.67 100 lbs.26.67

NEW PLANT LIFE. A very popular Liquid Fertilizer. Used for House Plants, also in Greenhouses.

3-oz. Bottles. Each...25c Ctn. of 24....\$4.00
8-oz. Bottles. Each...50c Ctn. of 24....8.00
Qt. Bottles. Each...\$1.50 Ctn. of 12...12.00
Gal. Bottles. Each.....3.00
5-gal. Drum. Each.....10.00

PLANTABBS. Analysis: 11-15-20. Contain Vitamin B₁. Plantabbs supply a complete balanced plant food of high analysis; therefore, when combined with Vitamin B₁ produce startling results.

25c size—30 Tablets. Dozen.....\$ 2.00
50c size—75 Tablets. Dozen.....4.00
\$3.50 size—1000 Tablets. Each.....2.35
Grower's size—20,000 tablets.....34.00

SPECIAL

500 Plantabbs in beautiful plastic flower pot. \$2.00 list. Each.....\$1.30

COMPOST MAKERS

ACTIVO. Soil energizer and compost activator. Builds soil to richness by direct application or by making better compost, quicker. **Alive** with Nature's own vital organisms, packed in rich moist humus.

No. 2 (\$1.00 list). Treats 450 lbs. of compost.

Each.....\$1.00 Ctn. of 12.....\$7.20

No. 7 (\$2.49 list). Treats 1,300 to 1,700 lbs.

Each.....\$2.49 Ctn. of 6.....\$9.00

No. 25 (\$6.99 list). Treats 3 tons.

Each.....\$4.95 2 for.....\$8.40

No. 50 (\$11.95 list). Treat 6 tons. Each...\$8.00

ADCO. Make your own manure. Turn every bit of vegetable waste—leaves, weeds, cuttings, etc., from the garden, straw and corn stalks from the farm—into real manure without animals by the simple ADCO process.

20 lb. bag.....\$2.75 100 lbs.....\$12.50

SOIL CONDITIONERS

CHARCOAL Six Different Sizes



Pea—Large	Lump	Pea—Small
"Lump"	1/2 inch Mesh	
"Pea—Large"	1/3 inch Mesh	
"Pea—Small"	1/6 inch Mesh	
"Rice size"	1/16 inch Mesh	
"Sugar size"	1/36 inch Mesh	
"Powder"	1/100 inch Mesh	

Packed in 50-lb. bags. Per bag.....\$3.00

PEAT MOSS—Granulated

Imported. Large bales.

F.O.B. Chicago. Per bale.....	\$4.50
F.O.B. New York. Per bale.....	5.25

LEAF MOLD

Hardwood leaf mold, thoroughly decomposed, purely organic, taken from virgin timberlands, worked and screened for ready use. Free from weed seeds.

Ideal for pot plant growers, as a soil conditioner, and as a mulch.

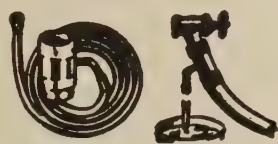
2-bushel bag	\$ 2.00
10 bushels	9.00
25 bushels	20.00
50 bushels	35.00

F.O.B. Indiana Woods

SCOTCH SOOT

50-lb. bag	\$5.00
------------------	--------

"HOZON"—Syphon



The passage of the water stream through the hose creates a suction that draws fertilizing solution into the sprinkling system, mixes it thoroughly and uniformly.

Each.....	\$2.25	Dozen.....	\$16.20
-----------	--------	------------	---------

TERRA-LITE Brand VERMICULITE

Terra-lite is mineral mica, heat processed at 2000° F. to expand it into a light, sponge-like substance. Terra-lite retains a large amount of air in its microscopic crevices, yet can absorb several times its weight in water. It is not a fertilizer. It is a highly versatile growing medium that does not rot, sour or flake. Terra-lite is sterile—free of diseases, insects and harmful chemicals.

ALL THESE USES

Starting Seeds. Perfect air-moisture control for speedy, dense root growth. High rate of germination, seeds easily plucked out for transplanting.

Rooting Cuttings. If you do rooting from cuttings you'll be amazed how quickly they develop in Terra-Lite, what masses of hair roots cuttings have.

Mulching. Protection for shrubs or plants, winter or summer.

Lightening Heavy Soil. Aerates, breaks

up tough soil, lets roots spread out. Fine for sandy soil too.

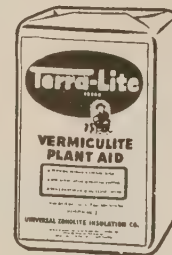
Transplanting. Mix Terra-Lite in your soil before transplanting cuttings, seedlings, bushes, shrubs. Regular air-water feeding to roots.

New Lawns. Terra-Lite improves lawn soils through aeration, stops caking, eases watering problems.

Storing Bulbs. Ideal for this use; keeps bulbs firm and plump, prevents rotting.

Prices, f.o.b. Chicago

4-quart bag	\$ 0.39	Ctn. of 12.....	\$ 2.94
1/2-bushel bag .....	.85	Ctn. of 6.....	3.18
4-cu. ft. bag (about 3 1/4 bu.)....	1.45	10 for	14.00



**For Better
Floral
Arrangements**

For details about a newly discovered use for Terra-Lite in floral arrangements, see Page 95

MODERN SOIL TEST KITS

SOIL TESTERS "Simplex"

By Edwards Laboratories



Tells you what to put back into the soil, in nitrogen, the phosphates or other elements that have been depleted by time and cropping.

Complete Simplex Kit. Each.....\$43.00

Makes 100 to 300 each of 15 types of tests.

Junior Simplex Outfit. Each.....\$28.00

Makes 100 to 300 each of 6 types of tests.

Farm Simplex Kit. Each.....\$21.00

Makes 100 each of 4 types of tests.

"SOILTEX"—Acidity Tester

Contains complete equipment for making 100 tests for soil acidity.

Each.....	\$1.25	Dozen.....	\$10.00
-----------	--------	------------	---------

Replacements

Reagent Refills. Each.....	\$1.25
Vials marked at 13 c.c. Each.....	.18
Vials marked at 1 and 2 c.c. Each.....	.18
Porcelain test plate. Each.....	1.80
Aluminum spoon .....	.12
2-oz. bottles with dropper. Each.....	.18

TEST YOUR SOIL

BECAUSE certain plants require "acid" soil and others require "alkaline" soil.

BECAUSE actual knowledge of the reaction of your soil aids in the selection of the plants or crops that will grow best, and in the choice of fertilizers to be used.

SOIL TESTERS—"Sudbury"

DeLuxe. A complete portable testing laboratory. Will make 50 individual tests for Nitrogen, 50 for Potash, 50 for Phosphorus and 50 for Acidity. In wood case.

Each.....\$29.95 3 for.....\$59.90

Horticultural. Enough material for 15 individual tests for each element. Wood case.

Each.....\$14.95 3 for.....\$29.90

Testing Fluid Refills and Accessories

Specify whether for Nitrogen, Phosphorus, Potash, or Acidity.

1/2 oz. Each.....	\$0.50
2 oz. Each.....	1.35
6 oz. Each.....	2.50
Test Tubes and Corks. Each.....	.10
Funnels. Each .....	.25
Filter Paper (Pkg. 100 sheets).....	.50
Tin Rods. Each.....	.10
Color Charts. Each.....	.25

DELTA DISPENSER—Fertilizes and Waters in One Operation

Regardless of the consistency of the liquid fertilizer you use, with the Delta Dispenser you will feed more evenly and more economically.

To operate you simply fill the container with the plant food of your choice, adjust the mixture control to the recommended mixture and turn on your water to the desired flow. When you have spread the exact amount of fertilizer desired, a turn of the shut-off valve will close the food supply line without diminishing your water volume. The Delta Dispenser can be used just as efficiently for applying insecticides.

With the Delta Dispenser there is no costly waste of time when changing from feeding to watering.

1-gal. Portable Model	\$ 90.00
5-gal. Wheelbarrow Model	165.00
15-gal. Wheelbarrow Model	250.00

F. O. B. Downey, Calif.

Send for Detailed Circular

**New Style 5-Gallon Size, Streamlined to Fit Narrow
Greenhouse Aisles.**

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES AND FUNGICIDES**REFILLABLE AEROSOL BOMBS—The Modern Method of Pest Control**

Send for Detailed Technical Bulletins

**PARATHION No. G-54**

One of the most effective controls known for red spider, mealy bugs, aphids, thrips, leaf rollers, white fly, cyclamen mite and many other greenhouse pests. 4-lb. bomb contains 10% Parathion. Very toxic, be sure to use recommended precautions. One bomb treats 200,000 cu. ft. of greenhouse space. Do not use when sulphur is present; may cause damage.

Packed 1, 3, or 6 to case. Each...\$8.00

*Deposit on each bomb... 3.75

*NOTE: The Deposits on the Bombs are refunded when they are returned to us prepaid. Orders of 12 or more bombs will be shipped prepaid, and empties may be returned collect.

Approved Gas Masks must be worn when applying Parathion, TEPP or Dithion—See page 75

TEPP No. G-52

Contains 5% Tetraethyl Pyrophosphate and treats 400,000 cu. ft. of space in 10 minutes. Effective on red spider, aphids, white fly and certain mealy bugs.

Packed 1, 3 or 6 to case. Each...\$6.50

*Deposit on each bomb... 3.75

DITHION No. G-57

Valuable in control of Parathion-resistant red spider, as well as aphids, and certain species of mealy bugs and white fly. No injury noted on roses when sulphur is present. 4-lb. bombs contain 5% Tetraethyl di-thio pyrophosphate and treats 200,000 cu. ft.

PRICES: Same as Parathion G-54.

5 % D.D.T. No. G-50

Contains 5% D.D.T. and controls many greenhouse pests including thrips, leaf rollers, leaf tiers, white fly, and certain aphids and mealy bugs.

Each\$8.50

*Deposit 3.75

APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

No. 20 24-inch.....\$5.50

No. 30 36-inch..... 6.50

No. 40 48-inch..... 7.00

APOMITE**Double Rotenone Spray**

For the control of red spider, thrip, aphids, green flies, black flies, white flies, cabbage worms, asparagus beetles, Mexican bean beetles, etc., on greenhouse crops, fruits and vegetables. Contains spreader and sticker. Quart.\$3.50 Gallon.\$11.00 5 gallons..\$50.00

ARAMITE—15 % Wettable

New material highly effective against red spider (including Parathion-resistant variety) on greenhouse and outside flowers and fruits. Non-hazardous to humans.

4 oz.\$1.00 Dozen\$7.20

4 lbs. 3.20 50 lbs. 38.50

ARASAN

Reduces seed decay and damping-off.

8 oz.\$ 1.00 4 lbs.\$ 6.00

25 lbs. 30.00 100 lbs.115.00

ARSENATE OF LEAD

For spraying or dusting. A poison for controlling most leaf-eating pests.

1 lb.\$.70 Ctn. of 24.....\$11.28

4 lbs. 1.70 Dozen 14.28

NICOTINE SULPHATE

For control of many insects, including Aphids, Mealy Bugs, Thrips, Leaf Miners, Leaf Rollers, etc., on flowers, fruits and vegetables.

1 oz.\$.35 Ctn. of 24.....\$ 5.58

5 oz. 1.00 Dozen 8.55

1 lb. 2.40 2 lbs. 4.15

5 lbs. 7.40 10 lbs. 12.65

50 lbs. 53.90

BENZO-FUME PRESSURE FUMIGATORS

Combines the outstanding effectiveness of Pressure Fumigators with the proven worth of Azobenzene to control Red Spider on Roses, Carnations, Mums and other crops. Send for detailed circular.

Case of 12 ½-lb. tins..\$3.20

Case of 12 1-lb. tins... 3.50

**BENZENE HEXACHLORIDE****12% Wettable Powder**

Useful for thrips and aphids. Also a repellent for termites. 4-lb. bag.....\$3.00

BORDEAUX MIXTURE—Dry

A very effective fungicide for control and prevention of mildew, blight, scab, black rot, and leaf curl. Also most fungous diseases on Plants, Fruits, etc.

1 lb.\$0.50 Ctn. of 24.....\$ 8.16

4 lbs. 1.35 Dozen 11.04

CERESAN—New Improved

Seed disinfectant for Wheat, Oats, Barley, Rye, Sorghums, Millets, Flax. Also, to disinfect Calla Bulbs against Root Rot and Soft Rot.

4 oz.\$.50 1 lb.\$ 1.30

4 lbs. 4.35 100 lbs. 85.00

CHLORDANE—**(40% Wettable Powder)**

A very effective stomach poison for a few chewing pests that are resistant to D.D.T. Extremely effective in the control of grasshoppers.

1 lb.\$1.25 Dozen\$12.00

4 lbs. 3.25 Dozen 36.00

CHLORDANE—(Acme 6% Dust)

For control of many garden and lawn pests such as ants, cutworms, chiggers, slugs, snails, grubs, etc. Also, for cockroaches, silverfish, carpet beetles, etc.

1-lb. sifter can...\$0.60 Case of 24.....\$ 9.60

4-lb. bag 1.50 Case of 12..... 12.00

CHLORDANE—(5 % Dust)

50 lb. bag\$7.50

COPPER SULPHATE—(Blue Stone)

10 lbs.....\$2.00 25 lbs.....\$ 4.00

100 lbs. 14.00

CORROSIVE SUBLIMATE

A very effective bulb disinfectant, especially prepared to control Gladiolus Thrips.

4-oz. bottles. Each.....\$1.50

1-lb. bottles...\$5.30 5-lb. bottles....\$25.75

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CYANOGEN "G"

A deadly, very effective fumigant for control of anything that breathes. Will destroy rodents as well as insects. Full directions on each can. Follow directions closely.

5-lb. can\$3.75

Shipping Wt. 8 lbs.

25-lb. Drums—Wt. 32 lbs.....\$12.50
100-lb. Drums—Wt. 111 lbs..... 30.00

DDT POWDER—50 %—Wettable

This powerful contact and stomach poison is useful against many pests, including Thrips, Leaf Rollers, Leaf Hoppers, White Fly, Mum Midge, Tarnished Plant Bug, Scale, Ants, Slugs, and many other grubs and worms.

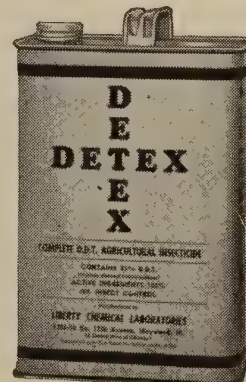
Do not use on KALANCHOE.

4-lb. bag.....\$2.10 50-lb. drum.....\$25.00

DDT DUST—5%

For dusting plants. Also used in storing gladiolus bulbs as a protection against thrip.

5 lbs.\$1.00 50 lbs.....\$6.00

**"DETEX"
Contains 25% DDT**

A complete insecticide. This formula has been tested by leading commercial greenhouses during the past three years and has been enthusiastically received. Do not use on KALANCHOE.

Quart\$ 3.50

Gallon 11.00

5 gallons 50.00

INSECTICIDES AND FUNGICIDES

DIMITE

A quick, positive, long lasting contact control for mites and red spider on flowers, evergreens, trees, shrubs and vegetables.

2 oz.\$0.60 Dozen\$ 5.52
Quart 5.00 Gallon..... 14.00

DOWFUME MC-2

A fumigant used under a gasproof tarpaulin for treatment of soil in benches, flats, seed beds, soil piles and local areas to control certain weeds, grasses, damping-off organisms, nematodes and insect pests. Leaves no harmful residue in soil. Contains 98% Methyl Bromide and 2% Chloropicrin.

Trial kit includes 4 lbs. MC-2, 1 pc. Visqueen Film 8 ft. x 16 ft., and 1 Jiffy Applicator with 10-ft. tubing.

Trial Kit\$10.00
1 lb. can MC-2..\$ 1.00 Case of 24....\$ 20.40
175 lbs. 131.25 375 lbs. 277.50
Jiffy Applicator 4.00
Visqueen Film, 10½-ft. wide, 100-ft. roll.\$26.25
Visqueen Film, 13½-ft. wide, 100-ft. roll. 33.75
Visqueen Film, 16-ft. wide, 100-ft. roll... 40.00

DUPONT SPREADER-STICKER

(Formerly known as Grasselli Spreader)

Pint cans (1 lb.).....\$ 1.15
Gallon cans (8 lbs.)..... 7.95
5-gallon drums (40 lbs.)..... 37.50

"EVERGREEN" GARDEN SPRAY

A pyrethrum spray deadly to common sucking and chewing garden insects.

1 oz.\$0.35 Dozen.....\$ 2.80
6 oz. 1.15 Dozen..... 9.25
Pint 2.45 Dozen..... 20.90
Gallon 12.60

FISH OIL SOAP

For washing Palms, stems of Plants and Trunks of Trees. Used with success for years.

½ pint\$0.50 Pint.....\$ 0.90
Quart 1.60 Gallon..... 4.40
5 gallons 18.00

FERMATE—Fungicide



This organic fungicide gives satisfactory control of rust and black spot of roses; Alternaria blight and rust of carnations; snapdragon rust, bacterial leaf spot of geraniums, Septoria leaf spot of chrysanthemums; Botrytis rot of Cyclamen; Botrytis blight. FERMATE also effectively controls cutting-rot diseases and damping-off diseases in

cutting beds. To be applied before disease infection occurs.

3 lbs.....\$2.45 Case of 12 3-lb.....\$25.80

FORMALDEHYDE DUST

"FORMACIDE"

For the control of damping-off seedlings. Also a disinfectant against soil diseases.

1 lb.\$ 0.85 5 lbs.....\$ 2.50
25 lbs. 10.00 50 lbs..... 17.50
100 lbs. 30.00

FORMALDEHYDE—LIQUID—40%

A very effective and economical fumigant and disinfectant.

1 gallon\$2.95



25-lb. drums \$ 5.50
50-lb. drums ... 9.75
100-lb. drums ... 18.25

Exceptionally effective when mixed with Nico-Fume.

FUNGITROGEN

Mildew—Black Spot Spray

An effective and scientific preventive and remedy for Mildew, Black Spot, and many Fungous Diseases of Roses, Phlox, Hollyhocks, Delphiniums, Sweet Peas, Chrysanthemums and many other flowering plants.

Quart.....\$2.00 Gallon.....\$6.00

GARDEN GUARD—Rotenone Dust

Dust with Acme Garden Guard from the sifter carton and enjoy the fruits of your toil. The killing ingredient is non-injurious to humans and warm-blooded animals. Every particle of dust is active. It gives immediate control over a wide range of insects, including such hard-to-kill bugs as SQUASH BUGS and CUCUMBER BEETLES.

1-lb. sifter cans. Each\$0.50
4-lb. bags. Each..... 1.00
50-lb. bags. Each..... 9.50

GRAPE and ROSE DUST

For the control and prevention of Fungous diseases, Black Spot, Mildew, etc., on Grapes and Flowers.

5-lb. tin\$ 1.25
25-lb. tin 4.25
100 lbs. 15.00



GREENOL

Liquid Fungicide

A new material that appears very promising in control of Powdery Mildew on Roses, Dahlias, Delphiniums, Sweet Peas, Garden Peas, Beans, Cucumbers, etc.

½ gallon\$5.00

ISCOTHAN—Fungicide

A wettable powder for controlling powdery mildew on roses and other greenhouse crops. Combines effectively with Aramite and Santomerse S as a spray for both mildew and red spider.

8 lbs.....\$16.80 100 lbs.....\$175.00

LIME SULPHUR

1-lb. tin.....\$0.60 5-lb. tin.....\$ 2.50
25-lb. tin..... 6.25 100-lb. tin..... 22.00



"FIGHT THRIPS WITH LYSOL"

Just before planting . . . soak bulbs for 8 hours in a weak solution of LYSOL (4 teaspoonfuls to 1 gallon of water) . . . allow to drip.

Any type of Container can be used.

—PRICES—

1 gallon\$ 5.00
5 gallons 23.50
10 gallons 43.75

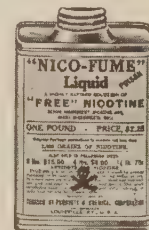
NAPHTHOLENE FLAKES

10 lbs.....\$ 4.00 25 lbs.....\$ 8.00
50 lbs..... 15.00 100 lbs..... 28.00

NICO-FUME—Liquid

Contains 40% free Nicotine for use in spray or vaporizing on steam pipes. Controls aphids, burdock leaf miners, greenhouse orthesia, lace bug, mealy bug and similar pests.

2-lb. tin (Qt.).....\$ 3.45
8-lb. tin (Gal.)..... 11.95
40-lb. drum (5 Gal.)... 51.60



NICO-FUME PRESSURE FUMIGATOR



The most convenient means of controlling green fly, black fly, mum and rose midge, adult tickle midge, adult leaf tier, adult oblique banded leaf roller.

Case of 12 ½-lb. cans.....\$4.60
Case of 12 1-lb. cans..... 7.95

"NICO-FUME" HOLDER

Holder, complete. Weight 2 lbs.....\$2.00

N.N.O.R.

An effective rotenone spray.

Gallon.....\$10.00 5 gals.....\$45.00

OPTOX

An all-purpose insecticide blending Rotenone and Pyrethrum in a concentrated spray for both chewing and sucking insects. Contains its own vegetable oil spreader that will not discolor or burn foliage.

Quart.....\$3.70 Gallon.....\$12.00
5 gallons 55.00

OPTOX SPECIAL

With DDT

Same as regular Optox with 10% DDT added.

Gallon\$12.00
5 gallons 55.00

OVOTRAN—50% Wettable

Contains the new material K-6451 and is effective against red spider, both adult and egg stage. Can be used as spray or painted on steam pipes. 25 lbs.....\$37.50

PARATHION

15% Wettable

4-lb. can.....\$3.60 50-lb. drum.....\$42.00

PARATHION DUST—2%

25 lbs.....\$3.75 58 lbs.....\$7.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES AND FUNGICIDES

PARZATE

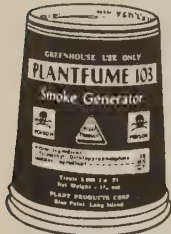
3-lb. bag.....\$2.85 Case of 12.....\$31.20

PENETROL

A spreader and activator for Nicotine Sprays. Increases penetrating powers and effectiveness of spray.

1 gallon.....\$1.75 5 gal. drum.....\$6.75

PLANTFUME SMOKE GENERATORS



Generate a smoke which carries dithion insecticide to every part of greenhouse. Controls red spider, aphids, white fly, mealy bug, thrips and other pests.

5,000 cu. ft. generators.
Ctn. of 36.....\$10.50
20,000 cu. ft. generators.
Ctn. of 12.....12.00

POTASSIUM PERMANGANATE

1 lb.....\$0.85 25 lbs.....\$15.00

"RED ARROW" SPRAY



A very effective spray for both chewing and sucking insects. Contains proper proportion of Soap Spreader and Activator.

1-oz. bottle\$.35
4-oz. bottle1.00
Pint bottle2.85
Quart bottles3.85
Gallon bottles14.00
5-gallon drums66.50

ROTECIDE

The Standard Rotenone Spray

Especially effective for Red Spider and Mealy Bug. 1 quart.....\$ 3.00
1 gallon....\$8.00 5-gallon drum... 35.00

SANTOMERSE S PENETRATOR

An excellent new Penetrator and Spreader. Best penetrator for the troublesome Mealy Bug. Ideal spreader for use with TEPP. Used 1 to 1600. 1 gallon.....\$4.90

SCALECIDE—Dormant Spray

Finest for control of San Jose Scale in greenhouse or nursery.

1-gallon tins\$ 2.75
5-gallons.....\$9.30 55-gallons..... 53.00

SEMESAN

Used as a dust or in solution with water for treatment of seeds, corms, bulbs and seedlings. Reduces seed rotting and damping-off.

2-oz. can\$ 0.60 12-oz. can....\$ 2.85
4-lb. can13.40 25-lb. can.... 72.65
100-lb. drum276.20

SNAROL

A ready prepared bait meal that means sure death for Cut-worms, Snails, Slug, Sow-bugs, Grasshoppers, Earwigs and other garden pests.

1 lb.\$0.35
2½ lbs.75
6 lbs.1.50
50 lbs.7.50

SLUG SHOT—Dust

For control of chewing insects.

1-lb. tins\$0.40
5-lb. tins1.65
25-lb. bag5.00

SODIUM SELENATE—Pure

The new insecticide that makes plants bite back and destroy many of the insects that hurt them. When applied to the soil in water solution, it is absorbed by the plants, making them poisonous to most insects. Especially effective with soft plants like carnations, chrysanthemums, cyclamens, gladioli, etc.

4 oz.....\$2.75 1 lb.....\$7.00

SODIUM SELENATE POWDER "Seltox"

Contains 2% Sodium Selenate and 98% carrier (super-phosphate). Applied like a dry fertilizer. Action same as Sodium Selenate above.

25 lbs.\$ 4.25 50 lbs.\$ 8.00
100 lbs.15.00 500 lbs.65.00
1,000 lbs.125.00 Ton240.00

SOILENE—Soil Insecticide

For treatment of greenhouse or garden soils. Controls many pests including symphyllids, sow bugs, strawberry root worm, white grubs, Japanese beetle grubs, wire worms, ants, root aphids, root maggots, chinch bugs, rose midge, rose beetle, certain species of cutworms and immature stages of thrips. Harmless to plants. Use 10 lbs. per 1,000 sq. ft.

50-lb. bag.....\$15.00 500 lbs.....\$125.00

SPERGON—Wettable

To control root rot and soft rot of lilies. Also, to prevent seed decay and damping-off.

1 lb.\$ 1.25 10 lbs.\$10.00
50 lbs.48.50 100 lbs.95.00

SPERGON GLADIOLUS DUST

A mixture of Spergon and DDT. Spergon, a fungicide, helps control storage rot and corm decay. DDT helps control thrips.

1 lb.....\$1.50 10 lbs.....\$10.75
50 lbs.51.00

SULPHUR—Wettable and Dusting

An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreen, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snap-dragons, carnations and certain other foliage.

2-lb. Sifter Carton.....\$0.50

SULPHUR—For Spraying "Magnetic"—Wettable

Goes into solution with water immediately. Now takes the place of Colloidal Sulphur at less than 1/3 the cost.

4-lb. bag\$0.50 Dozen.....\$4.00
50-lb. bags. Each.....3.75

SULPHUR—For Dusting "Owl Brand"

Per 100 lbs.....\$4.95

SULPHUR—For Burning "Anchor Brand"

Sublimed Flowers of Sulphur.
Per 100 lbs.....\$6.95

SULPHUR—Stick "Arrow Brand"

25 lbs.\$1.90 50 lbs.....\$3.50
150 lbs.9.95ATTRACTIVE
RESALE PKGS.

25c SIZE

5 Kapsulates per Packet.
Display Case of 24 Pkts.\$3.60

50c SIZE

12 Kapsulates per Packet.
Display Case of 12 Pkts.\$3.60

\$1.00

COMBINATION

24 Kapsulates per box and 2½ oz. of PLANT-L-IZER*.

*A soluble high concentrate of nutrients and hormones. No other plantfood or trace elements necessary. Case of 12 Combinations\$7.20

SPECIAL
DISPLAY EASELConsists of 36 25c Size plus 2 \$1 Combinations
Retail for \$11.00
Your Cost \$6.60GROWERS' SIZE
100 Kapsulates
\$3.50

New KAPSULATE

A COMBINATION OF SODIUM SELENATE plus FERTILIZER IN CAPSULES

25¢ FOR 3 CAPSULES 12 CAPSULES FOR \$1.25

PROTECT AND FEED with KAPSULATE

FEEDS the PLANTS AND PROTECTS (Kills or Repels) Many INSECTS such as

- AFRICAN VIOLET MITE
- RED SPIDER
- APHIDS
- MIDGE AND THIRP, ETC.

ON

African Violets

and OTHER FLOWERS AND PLANTS

Use KAPSULATE once every 3 months and Feed KAPCO Liquid Fertilizer every 2 weeks

Just display KAPSULATE — They sell for themselves

INSECTICIDES AND FUNGICIDES

TARTAR EMETIC

To control Gladiolus Thrips; also all other types of Thrips.

Formula: 2 lbs. TARTAR EMETIC, 4 lbs. Brown Sugar, 100 gallons water.

1 lb.	\$ 1.25	5 lbs.	\$ 5.00
25 lbs.	23.50	50 lbs.	45.00
100 lbs.			85.00

TEPP

See Aerosol Bombs or Vaportone

TOBACCO DUST

50-lb. bag	\$2.75
------------------	--------

TREE BANDING COMPOUND "STOP"



A sticky tree banding compound for use on trees, shrubs, and vines to prevent insects from crawling up to destroy foliage. Simplifies the spraying problem later.

1 lb.	\$ 1.05	7½ lbs.	\$ 5.50
25 lbs.	18.00	50 lbs.	22.00

TREE TANGLEFOOT

The original sticky compound for banding trees, shrubs and vines to prevent destructive climbing insects from reaching the upper parts and destroying buds, foliage, etc. Won't soften or melt, yet always elastic. Non-injurious, easy to apply. Lasts 3 months.

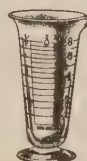
6 oz.	\$.90	Case of 12....	\$ 7.20
1 lb.	1.50	Case of 12....	12.00
5 lbs.	7.00	25 lbs.	26.50

GLASS GRADUATES

For accurate measurement of your valuable insecticides.

Available in 2 sizes—8 oz. and 16 oz.

8-oz. size (½ pint). Each...	\$3.00
16-oz. size (1 pint). Each...	3.50



VAPORTONE XX

Contains tetraethyl phosphates. The new organic insecticides that has been giving such spectacular results against Red Spider and Aphids on Roses, Carnations, Gardenias, Mums, etc.

4 oz.	\$1.00	Case of 24....	\$16.00
Pint	2.75	Case of 12....	22.00
Gallon			11.90

VOLCK

An oil spray used against Mealy Bugs, Scale Insects, Red Spider and White Fly.

4 oz.	\$0.35	Gallon	\$2.85
Pint .....	.70	5 gallon	9.85

ZERLATE

3 lb. bag....	\$2.45	Case of 12 3-lb....	\$25.80
---------------	--------	---------------------	---------

TRIOGEN DUST

An All-Purpose Garden Dust

Contains a perfect blend of DDT, Rotenone, Fermate, and Sulphur to control sucking and chewing insects as well as mildew, black spot and certain blights.

1 lb.	\$ 0.85	5 lb.	\$ 3.50
25 lb.	16.25	50 lb.	32.50

TRIOGEN SPRAY

The All-Purpose Spray for Roses

This outstanding Rose Spray is effective also on Asters, Snapdragons, Chrysanthemums and many other plants including vegetable garden produce. A complete insecticide and fungicide for the garden.

E KIT. Economy size (makes 8 qts.). Protects 6 to 10 roses for season.....	\$ 1.35
A KIT. Small size (makes 16 qts.). Protects 12 to 20 roses for season.....	2.25
B KIT. Medium size (makes 64 qts.). Protects 50 to 80 roses for season.....	6.00
C KIT. Large size (makes 32 gals.). Protects 100 to 160 roses for season.....	9.00
D KIT. Estate size (makes 128 gals.). Protects 400 to 600 roses for season.....	30.00



PEST AND ANIMAL CONTROLS

"AIROSOL" BOMB

Original government formula DDT insecticide. For flies, mosquitoes, gnats, roaches, wasps, hornets, bedbugs, etc.

Each.....	\$1.15	Ctn. of 6.....	\$4.62
-----------	--------	----------------	--------

ANT KILLER—"Jones"

½ oz.	\$0.10	Dozen.....	\$0.80
2 oz. ....	.25	Dozen.....	2.00

"READY FILLED" Antrol Set

The Ready Filled Antrol Set consists of four patented glass "feeders" filled with regular Antrol Syrup, packed in the powerful display carton illustrated at right.



Ready Filled Sets. Each.....	\$0.40
Dozen Sets	3.20

CYANOGLAS—ANT KILLER

Does not rely on feeding habits of the ants. It kills them with gas. The spouted 4-oz. can (enough to kill a million ants) is especially designed for treating ant nests in gardens and lawns. 4-oz. can.....40c

CYANOGLAS "A"—Dust

Kills Rats, Moles, Soil Insects, and Rodents. Very effective and economical to use. It's the gas that kills 'em.

1 lb.	\$ 1.00	5 lbs.	\$ 3.75
25 lbs.	12.50	100 lbs.	30.00

D-CON

Rat and Mouse Killer

Contains WARFARIN with Lurex. Wipes out rat colonies completely as rats do not become bait shy.

D-Con Concentrate. 8 oz. makes 6 lbs. of bait.	
8 oz.	\$2.98 Dozen.....\$24.00

D-Con Ready Mix. For rats and mice.	
1 lb.	\$1.69 Dozen.....\$13.56

D-Con Mouse-Prufe. For mice.	
4 oz.	\$.89 Dozen.....\$7.20

DEE-DEX "25"

Outdoor Mosquito Spray

Destroys mosquitoes OUTDOORS. Leaves a lasting residue. Harmless to grass, plants, shrubs, bees and birds. Quart makes 2½ gals. of spray.

Pint	\$1.49	Case of 24....	\$23.84
Quart	2.49	Case of 12....	19.92
Gallon			5.30

DOGZOFF

Protection against all animals. Spray on lawn or around objects to be protected. Lasts a long time.

3 oz. bottle.....	\$0.75	Dozen....	\$ 5.40
12 oz. aerosol bomb....	2.25	Dozen....	16.20

GOPHER CONTROL

Poison Grain

For Gophers, Rabbits, Squirrels, etc.

12 oz.			35c
-------------	--	--	-----

POISON WHEAT

To control Mice. 12½-oz. package.....	15c
1 lb.....	50c
10 lbs.....	\$3.00

RED SQUILLS—For Rat Control

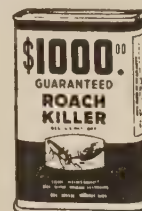
Deadly to RATS, MICE, and RODENTS, but harmless to other animals and human beings. Highly recommended by the U. S. Department of Agriculture.

2 oz.	\$0.60	Per lb.	\$3.75
------------	--------	--------------	--------

ROACH KILLER

Kills Roaches and Water Bugs that eat it, yet it acts very slowly. They will linger on for several days before dying, during which time they carry to their young such powder as may adhere to their bodies.

Small—4-oz. can	\$0.35
Large—20-oz. can	1.25



RODENT DESTROYER

Simply light and insert in hole. It burns slowly and gives off gases deadly to all rodent pests.

Dozen.....	\$0.75	Gross.....	\$7.70
------------	--------	------------	--------

RODENT REPELLENT

"Peter Rabbit"

This copper soap formulation will prevent rabbits and other rodents from girdling trees and eating shrubs. Does not wash off or lose its repellent qualities.

Pint	\$.85	Dozen	\$ 1.80
Quart	1.50	Dozen	12.00
Gallon	4.50	Case of 4....	12.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDES FOR RESALE

ACME GARDEN GUARD

1-lb. sifter cans, 50c size. Ctn. of 24.....\$8.00
4-lb. bags. \$1.00 size. Dozen..... 8.16

AIROSOL DDT BOMBS

12-oz. \$1.25. Ctn. of 6.....\$4.62

ANT KILLER—"Jones"

½ oz. 10c size. Case of 1 dozen.....\$0.80
2 oz. 25c size. Case of 1 dozen..... 2.00

ANTROL READY-FILLED SETS
For Ants

40c size. Dozen complete sets.....\$3.20

ARAMITE—15% Wettable

4 oz. \$1.00 size. Case of 12.....\$7.20

ARSENATE OF LEAD

1-lb. cartons. 70c size. Ctn. of 24.....\$11.28
4-lb. bags. \$1.70 size. Case of 12..... 14.28

BLACK LEAF 40

1-oz. 35c size. Ctn. of 24.....\$ 5.58
5-oz. \$1.00 size. Dozen..... 8.55
1-lb. \$2.40 size. Dozen..... 20.70
2-lb. \$4.15 size. Dozen..... 36.85

BORDEAUX MIXTURE

1-lb. cartons. 50c size. Case of 24.....\$ 8.16
4-lb. bags. \$1.35 size. Case of 12..... 11.04

CARTRIDGES

For "Arnold" Sprayer

DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray.
45c size. Per dozen.....\$3.20

CHLORDANE—40% Wettable

1-lb. bag. \$1.50 size. Dozen.....\$12.00

CHLORDANE—6% Dust

1-lb. sifters. 60c size. Case of 24.....\$ 9.60
4-lb. bag. \$1.50 size. Case of 12..... 12.00

CYANOGAS "A"

4-oz. 40c size. Dozen.....\$2.90
1-lb. \$1.00 size. Dozen..... 7.25

D-CON RAT KILLER

1 lb. Ready Mix. \$1.69 size. Dozen.....\$13.56
8 oz. Concentrate. \$2.98 size. Dozen.... 24.00
4 oz. Mouse-Prufe. 89c size..... 7.20

DEE-DEX MOSQUITO SPRAY

Pint. \$1.49 size. Case of 24.....\$23.84
Quart. \$2.49 size. Case of 12..... 19.92

DIMITE

2 oz. 69c size. Case of 12.....\$5.52

DOGZOFF

3-oz. bottle. 75c size. Dozen.....\$ 5.40
12-oz. bomb. \$2.25 size. Dozen..... 16.20

DDT—5% Dust

5-lb. bag, \$1.25 size. Dozen.....\$10.08

EVERGREEN GARDEN SPRAY

1-oz. 35c size. Dozen.....\$ 2.80
6-oz. \$1.15 size. Dozen..... 9.25
Pint \$2.45 size. Dozen..... 20.90

KAPSULATE

See Display listing on page 66.

LIME SULPHUR—Dry

1-lb. tins. 60c size. Ctn. of 24.....\$10.08

POISON WHEAT

15c size. Dozen\$1.35

"RAT KISSES"

25c size—Display Card—18 pkgs.....\$3.00
6 or more cards. Per card..... 2.50

RED ARROW SPRAY

1-oz. 35c size. Dozen.....\$2.70
4-oz. \$1.00 size. Dozen..... 8.00
No. 720 Assortment (2 doz. 1 oz. size, 2 free
4 oz. size)..... 5.60

RODENT DESTROYER

List price \$1.00 dozen. Per gross.....\$7.70

ROACH KILLER—"1000"

4-oz. Can. 35c size. Dozen.....\$2.70

SLUG SHOT POWDER

1-lb. 40c size. Dozen.....\$ 3.24
5-lb. \$1.70 size. Dozen..... 13.68

SNAROL

1-lb. 35c size. Dozen.....\$2.80
2½-lb. 75c size. Dozen..... 6.00

SULPHUR—Wettable or Dusting

2-lb. sifter cans. 55c size. Ctn. of 12.....\$4.68

TREE BANDING COMPOUNDS
"STOP"

1-lb. \$1.05 size. Case of 24.....\$16.80
7½-lb. \$6.25 size. Case of 4..... 16.65

"TREE TANGLEFOOT"

6 oz. 90c size. Case of 12.....\$ 7.20
1 lb. \$1.50 size. Case of 12..... 12.00
5 lb. \$7.00 size. Case of 6..... 28.00

TRI-GEN DUST

1-lb., 85c size. Carton of 24.....\$13.69
5-lb., \$3.50 size. Carton of 12..... 28.08

TRI-GEN SPRAY.

E Kits—\$1.35 size. 24 for.....\$21.60
A Kits—\$2.25 size. 12 for..... 18.00
B Kits—\$6.00 size. 6 for..... 24.00
C Kits—\$9.00 size. 4 for..... 24.00
D Kits—\$30.00 size. 3 for..... 60.00

VAPOTONE GARDEN SPRAY

4-oz. \$1.00 size. Case of 24.....\$16.00
Pint. \$2.75 size. Case of 12..... 22.00

VOLCK

4-oz. 35c size. Ctn. of 24.....\$5.60
Pint. 70c size. Dozen..... 5.60

WEED KILLERS
HERBICIDE

Quart. \$1.00 size. Dozen.....\$6.90
Gallon. \$2.50 size. Case of 4..... 5.95

WEED-NO-MORE

½ pint. \$1.00 size. Ctn. of 24.....\$14.40
Quart. \$2.98 size. Dozen..... 21.45

TAT C-LECT—CRAB GRASS KILLER

8-oz. \$1.00 size. Ctn. of 24.....\$14.40
16-oz. \$1.75 size. Dozen..... 14.00

TAT C-LECT FORTIFIED

8-oz. \$1.00 size. Ctn. of 24.....\$14.40
Pint. \$1.75 size. Ctn. of 12..... 14.00

CRABGRAXX

4-oz. \$1.00 size. Ctn. of 12.....\$ 7.20
1-lb. \$2.95 size. Ctn. of 6..... 10.62

CRABGRAXX with 2, 4-D

4-oz. \$1.25 size. Ctn. of 12.....\$ 9.00
1-lb. \$3.50 size. Ctn. of 6..... 12.60

PLANT HORMONES

ROOTONE

Reg. U. S. Pat. Off.

A hormone powder for cuttings, seeds and bulbs. Just dust and plant.

¼-oz. pkg.—25c size. Ctn. of 24.....\$4.00
2-oz. jars (up to 3,000 cuttings). Each.... 1.00
Per dozen 8.00
1-lb. pkg. (up to 30,000 cuttings). Each.... 5.00

Rootone No. 10

2½ times stronger than the standard. For woody cuttings.

2-oz. jar. Each\$ 2.00
1-lb. can. Each 10.00

TRANSPLANTONE

½-oz. pkg.....\$0.25 Ctn. of 24.....\$4.00
3-oz. cans..... 1.00 Doz. cans..... 8.00
1-lb. cans. Each 4.00

It contains the root forming hormones, Vitamin B₁, and other members of the Vitamin B Complex, which are important to plant growth.

FRUITONE

REG. U. S. PAT. OFF.

The Hormone Spray Stops Preharvest Drop.
2 oz.....\$1.00 12 oz.....\$5.00
Dilution: 2-oz. to each 25 gals. of water.

HORMODIN POWDER

Reg. U. S. Pat. Off.

The Hormone Powder for rooting cuttings faster and better. Available in three strengths: No. 1 for house, garden and greenhouse plants; No. 2 for woody and semi-woody plants; No. 3 for evergreens and trees.

25c size. No. 1 Powder. 24 on a card....\$3.60
Combination Package (No. 1, No. 2

and No. 3)..... .75

HORMODIN POWDER No. 1

1¾ oz.....50c 1-lb. tins.....\$3.00

HORMODIN POWDER No. 2

1¾ oz.....75c 1 lb.....\$4.50

HORMODIN POWDER No. 3

1 oz.....\$1.00 ½ lb.....\$4.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TREE AND GRAFTING SUPPLIES

TREE WOUND COMPOUNDS

Tacky—Insect Repellent



"AFS" PRUNING COMPOUNDS

Thin only with Raw Linseed Oil
LIQUID

1-gallon cans. Each.....\$1.60
5-gallon drums. Each..... 6.50

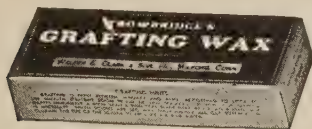
"AFS" ASPHALT EMULSION

Thin with water

1-gallon cans. Each.....\$1.60
5-gallon cans. Each..... 6.50

Fine for banding trees—Very Tacky—Sticky, Insect Repellent.

GRAFTING WAX



½-lb. bar. Each.....\$0.50 / Dozen.....\$4.00
1-lb. bar. Each..... .80 Dozen..... 6.40

RAFFIA

Finest Grade—West Coast Majunga. Natural
Finest Imported.

1 lb.....\$0.80 5 lbs.....\$3.75
RAFFIA—Green Dyed. Per lb.....\$0.90

BUDDING STRIPS

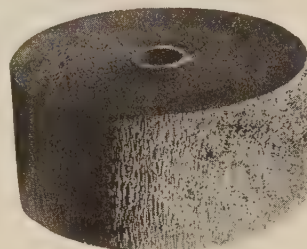
Natural red rubber, 3/16" wide, 4 inches or
5 inches long. Specify which.

	.010 Gauge (Thin)	.020 Gauge (Heavy)
1 lb.	\$2.50	\$2.25
5 lbs., per lb.....	2.25	1.98
100 lbs., per lb.....	1.72	1.52
Approximate count—		
4-inch, per lb.....	3,600	1,800
5-inch, per lb.....	2,900	1,450

TREE WRAP

Duplex creped
paper. 4-inches
wide. 150 feet
long.

Per roll..\$0.60
10 rolls.. 5.50



D-WAX

An emulsified wax for coating nursery stock at
time of transplanting. Conserves moisture and
prevents set-back. Extends the planting season.

Gallon.....\$2.50 5-gal.....\$11.50

COSMATA

Friction Cream Soap



Sold regularly for \$1.00
Large jar

Now specially priced
at59c

FOR RESALE

Case of 12 jars..\$6.32

COSMATA is a revolutionary new soap that
brings new joy to hard-working hands. It's the
answer to a florist's and gardener's prayer for
a soap that cleans quickly, completely, safely.
Yes! COSMATA does all three and much more
... it gets the deep-down dirt, grime, and
grease OUT as well as OFF ... erases stains
of vegetables, plant sprays, oil paint and ink
... banishes unpleasant odors ... removes as
much as 85% of germs and bacteria from the
skin.

WEED KILLERS

WEED-NO-MORE—2, 4-D

Kills ugly broad-leaf weeds but will not harm
common lawn grasses. Harmless to animals
and humans—won't injure the soil—neither will
it stain hands or clothing. Half-pint size will
treat an area of 1600 square feet. Quart size
will treat 6400 square feet.

½ pint. Each....\$1.00 Dozen.....\$ 7.20
Quart. Each..... 2.98 Dozen..... 21.48

DOW 2, 4-D WEED KILLER

Formula 40

1 gal.....\$7.50 5 gal.....\$36.00

HERBICIDE

A COMPLETE WEED KILLER

A powerful and economical chemical for de-
stroying weeds and grass on paths, driveways,
cobble gutters, tennis courts, etc. Poisonous to
animals.

1 quart\$0.75 Dozen\$6.90
1 gallon 2.00 5 gallons 7.00

AEROIL NO. 99 WEED BURNER

The 2000° flame of the Aeroil No. 99 Burner
kills the growth and seeds instantly, and by
proper handling even the roots can be killed
off forever. This burner uses the cheapest fuel
you have available: kerosene, gasoline, range
oil, light furnace oil.

FLAME GUN COMPLETE.....\$22.00
Shipping weight 23 lbs.

TAT C-LECT Crab Grass Killer



Contains the new chemical
PMAS, which kills crab grass
seedlings and mature plants,
and retards seed germination.
Does not injure common lawn
grasses.

1.75% TAT C-LECT

8 oz. Each.....\$1.00
Carton of 24..... 14.40
Pint. Each 1.75
Carton of 12..... 14.00

10% TAT C-LECT

Pint.....\$4.00 Gallon.....\$18.35

TAT C-LECT FORTIFIED

With 2, 4-D

Kills common lawn weeds as well as crabgrass.

1.75% TAT C-LECT FORTIFIED

8 oz.....\$1.00 Ctn. of 24.....\$14.40
Pint 1.75 Ctn. of 12..... 14.00

13% TAT C-LECT FORTIFIED

Pint.....\$4.50 Gallon.....\$20.40

CRABGRAXX

Crab Grass Killer

Contains Potassium Cyanate. Kills crabgrass
in the seedling or mature stage without per-
manent injury to lawn grass.

4 oz.\$1.00 Case of 12.....\$ 7.20
1 lb. 2.95 Case of 6..... 10.62

CRABGRAXX plus 2, 4-D

Kills Crabgrass and Broadleaf Weeds.

4 oz.....\$1.25 Case of 12.....\$ 9.00
1 lb..... 3.50 Case of 6..... 12.60

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GREENHOUSE WEED CONTROL

Requests for recommendations on methods of
controlling weeds in the greenhouse are often
received. The best means of weed control in
bench or potting soil is sterilization. For sit-
uations where this is not practical, the Good-
rich Chemical Co. have developed the two
products listed below.

NIX

A water-soluble weed killer that destroys
whatever soft, succulent vegetation that it wets.
Effective on both grasses and broad-leaf weeds
when small. By directing the spray, NIX can
be used to eliminate small weeds from between
growing crops.

4 lbs...\$3.96 25 lbs...\$22.25 225 lbs...\$155.25

OKTONE

A fast-acting weed killer which kills most veg-
etation on which it is sprayed but does not
kill underground parts of plants, seeds or bulbs
in the soil. Mix with oil as directed. A safe
pre- and post-emergence weed control, and
valuable for clean-up of walks and under
benches.

WRITE FOR PRICES

HOSE AND HOSE EQUIPMENT

HOSE WASHERS—Rubber

Very tough and durable.

¾" Per dozen....\$0.10
Per lb. 1.10
1" Per dozen.... 25c
Per lb. 2.50



HOSE MENDERS—Clincher Type



Stamped
Brass

	Ea.	Doz.
½"	14c	\$1.32
¾"	14c	1.32
¾"	14c	1.32
1"	40c	3.98

HOSE CLAMPS—Bull Dog

½", ¾" and 1"

Wrought Brass.

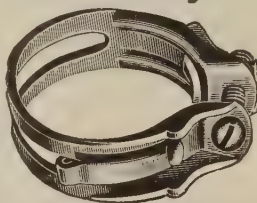
Per dozen\$0.90

Per gross 7.68

For 1" hose

Per dozen ...\$ 3.00

Per gross ... 27.20



HOSE COUPLINGS—Clincher Type



Brass. ½", ¾" and 1".

Clincher Type—Male and Female.

Stamped
Brass

Per set\$.35

Dozen 3.20

Stamped Brass. For 1" hose.

Per set\$1.00

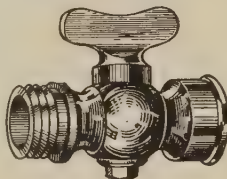
Dozen 9.06

SHUT OFF CONNECTION

Solid brass. No. 1937.

Each\$ 2.35

Dozen 23.60



SIAMESE CONNECTION

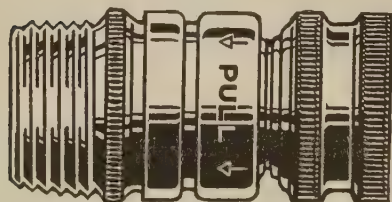
¾" x ¾" x ¾"....\$0.60

1" x ¾" x ¾".... 1.50

1" x 1" x 1".... 3.00

AUTOMATIC HOSE COUPLING

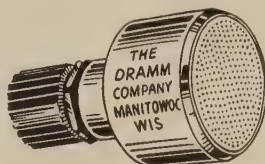
"Quick Connector"



Handy brass automatic coupling. Slides on and off with great ease. A great labor saver.

	Each	Dozen
Complete	\$1.00	\$8.00
Faucet end only .....	.35	2.85
Hose end only .....	.65	5.50
Washers .....		.05

WATER BREAKERS



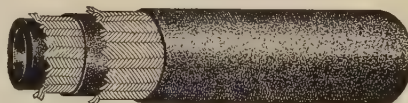
The "400" Water Breaker

No. 400. Gives a large volume of water with very little pressure. ¾ in. coupling. Each\$1.35

SKREENARE. For high pressure watering—50 lbs. and over. Mixes air with the water and gives a light flow of foamy water. ¾-in. coupling.

Each\$2.00

HOSE—Greenhouse



Greenhouse Special

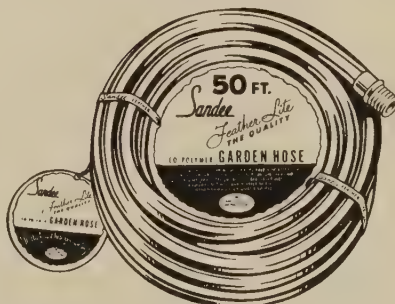
"DURO"—Very finest grade, red rubber hose, especially designed for greenhouse use. Very flexible.

2-ply—Heavy duty, high pressure.

¾"—Uncoupled. Per ft.....\$ 0.47

50-ft. length—Coupled 24.00

FEATHER-LITE PLASTIC HOSE



The finest quality plastic hose we have found yet. Tough, yet pliable. Full-flow "pull proof" couplings of heavy brass. High bursting pressure, long life. Green color. Multi-ribbed.

½" Garden Hose

25 ft. length (\$5.50 retail). Each.....\$ 3.85

Case of 6..... 22.02

50 ft. length (\$9.80 retail). Each..... 6.85

Case of 6..... 39.24

FLORIST COUPLING



Full Flow, Long Shank, ¾". No. 4449.
Each.....\$1.75 Dozen.....\$15.60

PARADISE SYRINGE NOZZLE



10-inch. Each\$3.60

18-inch. Each 4.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HOSE NOZZLES—Adjustable



All brass. ¾" coupling.

No. 85. Each.....\$ 1.15

6 for.....\$6.00 Dozen.....\$10.80

FLAT SPRAY



Junior—No. 7047.

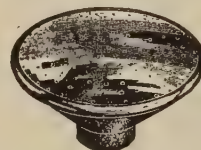
Stamped brass.

Deluxe—No. 7000.

Cast brass.

Junior. Each.....\$0.55 Dozen.....\$ 5.04

Deluxe. Each..... 1.25 Dozen..... 11.12



HOT HOUSE SPRINKLER

¾" coupling.

Stamped Brass.

3-inch. Each.....\$0.80 Dozen.....\$ 8.00

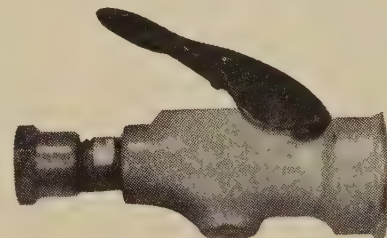
4-inch. Each..... 1.00 Dozen..... 10.40

Cast Brass.

3-inch. Each.....\$1.10 Dozen.....\$ 9.60

4-inch. Each..... 1.60 Dozen..... 13.60

SEEDLING SPRINKLER WITH SHUT-OFF



A new type fine mist atomizer with finger-depressor shut off. Precision made. The last word in seedling sprinklers.

No. L-5-3. With ¾" hose connection.

Each\$4.00

No. L-5-1. With ¼" pipe thread. Each... 4.00

CLOVERLEAF BENCH NOZZLE

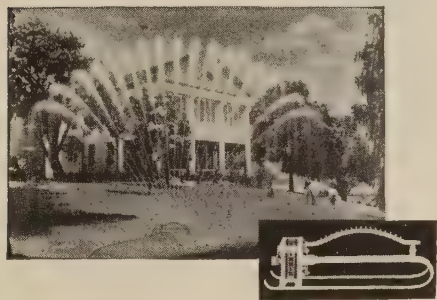
Screws into pipe line. Ideal for benches, frames, etc. Throws flat spray. Waters square. More uniform than circle. Space 3 ft. apart. 5/16" pipe thread.

Ea..\$0.25 25.\$5.00 100.\$17.50



LAWN SPRINKLERS

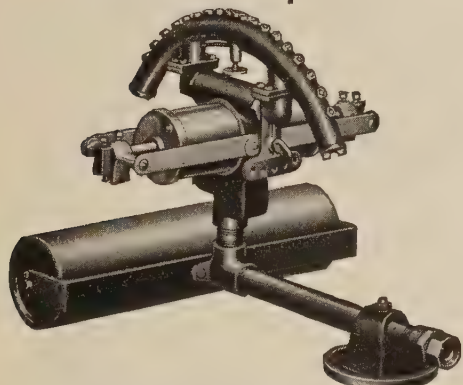
SPRAY WAVE—Sprinkler



Gives a huge swinging fan of gentle penetrating rain. Will water a space up to 40' long by 50' wide. Uses approximately 5 gals. per minute. Adjustable speed travel. Adjustable length of swing.

SPRAY WAVE\$22.50

RAIN WAVE—Sprinkler



A Big Brother to the Spray Wave

A Heavy Duty Oscillating Sprinkler on a Roller Base. Covers up to 50' by 50' on ordinary city pressures. Equals 1" of rain in 6 hours.

RAIN WAVE.....\$42.50

HOSE VALVES

Made of cast brass with leather disc.

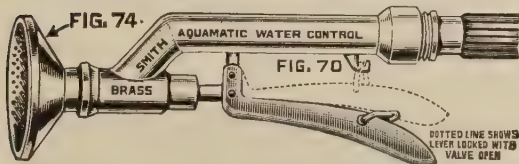
Size of Inlet	Size of Outlet	Each	Doz.
3/4"	3/4"	\$1.60	\$16.00
1"	3/4"	2.55	25.60
1"	1"	2.55	25.60



LEATHER WASHERS For Hose Valves

3/4" Each.....	4c	100.....	\$3.75
1" Each.....	4 1/2c	100.....	4.00

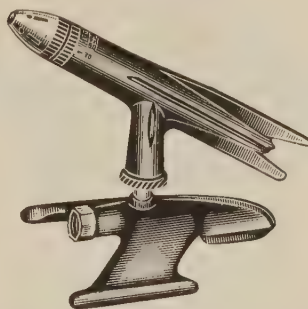
"AQUAMATIC" SHUT-OFF



3/4" hose connection.

No. L-17—Complete as above.....	\$3.65
No. L-48—4" face (Fig. 74).....	1.00
No. L-18—Shut-off only (Fig. 70).....	2.75

"Rocket"



A practical rotary-type sprinkler for large lawns, parks, golf courses, etc. Covers an area 48 to 70 feet in diameter. No. 7020-R.

Each.....\$9.20 6 for.....\$46.00

"Ring"



Popular fountain spray type. Brass top, galvanized steel base. No. 7017.

Each.....\$1.30 6 for.....\$6.40

DOUBLE SPIKE SPRINKLER



A simple but very popular sprinkler that throws a fine fan-shaped spray in a 20-ft. half circle. The two spikes hold it steady. No. 4519.

Each\$0.70
6 for 3.40

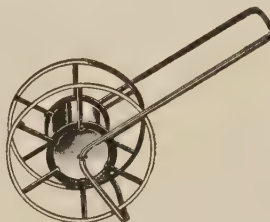
MULTIPLE SPRINKLER



Connected in series with short lengths of hose, these adjustable sprinklers make a very flexible sprinkling system. Set of 4 sprinklers and 2 end caps. No. 4573.

Per set.....\$5.50 6 sets.....\$27.20

HOSE REEL



All steel, sturdy, easy to operate. The wheels will clear the floor when the reel is tilted for reeling or unreeling the hose.

No. 2. Holds 150 ft. of 3/4" hose.

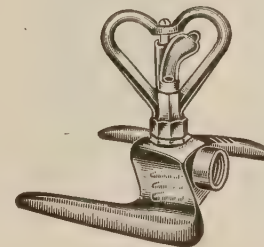
Each.....\$12.00 3 for.....\$30.00



"Parkside"

Revolving or stationary. Sprays or streams. Large to small areas. No. 7003.

Each\$ 4.20
6 for 21.00



"Busy"

Distributes water evenly in a rain-like mist over a 35-foot circle. No. 7014.

Each\$1.90
6 for 9.60

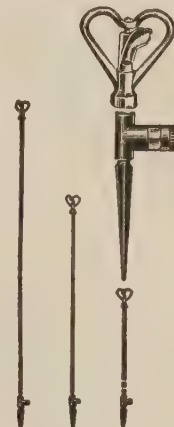
"HARTFORD" SPIKE SPRINKLER

An old reliable sprinkler that gives a rain-like floating mist over a large area. Equipped with free-running, quiet "Ideal" head.

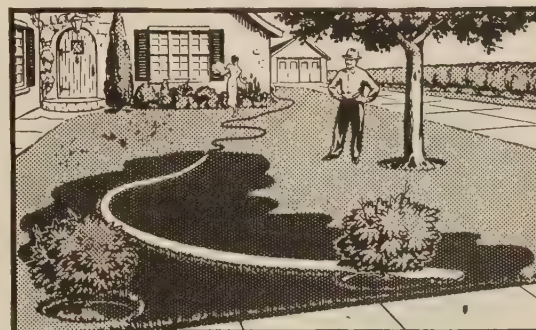
	Each	6 for
2 ft.	\$2.25	\$11.00
4 ft.	2.60	14.00
6 ft.	3.40	17.00

"IDEAL" Sprinkler Head Only

3/8" pipe connection.	
Each	\$ 1.00
Dozen	10.00



SOIL SOAKERS



Descriptive circular sent on request.

No. 0—12 ft.....	\$1.40	18 for.....	\$22.68
No. 1—18 ft.....	1.85	12 for.....	19.80
No. 2—30 ft.....	2.75	12 for.....	29.52
No. 3—50 ft.....	4.40	6 for.....	23.76

NOTE: To shorten hose, if so desired, merely tie off with a piece of string or rope to any length desired.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INSECTICIDE SPRAYERS

PUMP TANK INSECTICIDE SPRAYERS

Myers—"Kwikfill"



Recognizing that compressed air sprayers are subjected to severe use and frequently considerable abuse, Myers have consistently maintained a high standard in construction and material used in their compressed air sprayers, which assures durability and excellence of performance.

Model 2242—4 gallon capacity—

Galvanized—Wt. 13 lbs. Each\$13.40

Model 2240—2½ gal. cap. Each..... 12.10

Brown—"Open-Hed"

Heavy galvanized steel tank. Large top opening that makes cleaning easy. 4 gallon capacity. Each\$13.00



Smith—"Banner"

Galvanized steel tank sprayer. Open-head type. 4 gallon capacity.

No. 22G0. Each ...\$12.50

TRI-SODIUM PHOSPHATE

Used for washing and cleaning out sprayers. Be sure to rinse thoroughly to avoid corrosion of the metal. Use 2 tablespoons to 1 gallon of water, or 3 lbs. to 100 gallons of water.

5 lbs.....	\$1.25	10 lbs.....	\$2.25
25 lbs.....	3.50	50 lbs.....	4.50
100 lbs.....			7.00

"CHAMPION" SPRAYERS



The most powerful portable sprayer ever designed. Maintains a continuous spray. Adjustable brass nozzle permits either a fine mist or a 35-foot stream. Light weight. 5 gallon capacity.

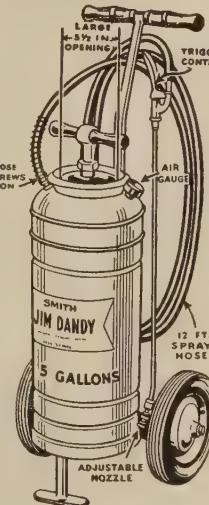
No. 1. Brass. Each\$29.90

No. 2. Galvanized. Each 27.00

Shipping weight, 16 lbs.

CART SPRAYER "Jim Dandy"

A new type sprayer that serves many purposes. Its ease of handling makes it perfect for the green house, farm or garden. Can be used for insecticides, weed killers, or with water for fighting fires, washing automobiles, etc. Has balloon tire wheels and roller bearing, galvanized steel open-head 5-gallon tank, adjustable nozzle and shut-off, and 12 ft. of spray hose. Cart Sprayer, complete\$31.50



AIROSPRAYER



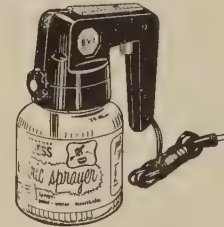
All-purpose sprayer. No tank necessary—just drop hose in bucket of spray material and pump. Spray adjustable to fine mist or 35-foot stream. For spraying with insecticides, white washing or fighting fires. Heavy gauge brass. Each\$7.25

Burgess Vibro-Sprayer

De Luxe

Electric

Sprayer



An all-purpose sprayer for spraying insecticides, waxes, water or oil paints.

Equipped with new multi-vein spinner nozzle, non-clog pump and coordinated spray adjuster. Instant disassembly of nozzle and pump for quick, easy cleaning. NON-CORROSIVE. Weighs only 2½ lbs. Quart size, 110 volt, 60 cycle.

Each.....\$7.75 3 for.....\$21.90

PESTMASTER SPRAYER



Handiest of all hand sprayers. Pump all brass, trombone action. Tank holds a gallon of insecticide or weed killer. Adjustable brass nozzle, carrying strap.

Each.....\$9.50 3 for.....\$23.61

CARTRIDGE SPRAYER—"Arnold"

The easy way to spray. Just insert cartridge of desired insecticide in sprayer and attach to garden hose. Brass sprayer.

Each.....\$5.00 6 for.....\$20.00

Cartridges—DDT Spray, Arsen-O-Spray, Pyr-O-Spray, Rot-O-Spray, Funguspray, Sulph-O-Spray, Nic-O-Spray, Weed-O-Spray.

Each.....\$0.45 Dozen.....\$4.80

Discharge Equipment for Compressed Air Sprayers



Includes shut-off cock, 18" extension, nozzle, and 27 inches of hose.

Complete\$4.15

SHUT-OFF COCK Model 1283

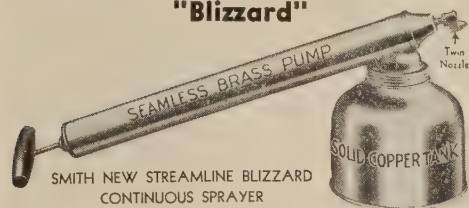


Has been carefully designed. Every body and plug is ground to a perfect seat, insuring leak-proof lasting performance. Threaded with ¼" standard pipe thread. Brass. Each\$2.25

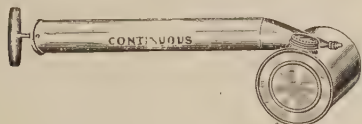
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SPRAY HOSE AND EQUIPMENT

HAND PUMP SPRAYERS "Blizzard"



No. 14-Q. Capacity 1 quart. Each.....\$ 4.00
3 for.....\$11.50 6 for.....\$22.32
TWIN NOZZLES for Straight or Angle Spraying.



SMITH "Continuous"

Capacity—1 quart. Galvanized.
No. 10-G. Each.....\$ 1.50
6 for.....\$8.50 Dozen.....\$16.50

SMITH "Single Action"

Capacity—1 quart. Galvanized.
No. 3-G. Each.....\$ 1.00
6 for.....\$5.50 Dozen.....\$10.08

CENTRO SPRAY With Two Sprayheads For Sprinkling Water or Dusting Powder



Either head can be used on curved extension or directly on bulb. Gives fine spray or solid stream.

8 oz. Each.....\$1.00
6 for.....\$4.50 Dozen.....8.00



SCOLLAY SPRAY BULB

Finest quality red rubber.
8 oz.
Each.....\$1.35

BRONX SPRAY BOTTLE

Throws powerful, broad mist spray with slow, easy pump stroke.

Pint size:
Each.....\$1.75 6 for...\$9.00
Quart size:
Each.....\$1.85 6 for...\$9.60

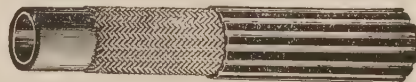


HIGH PRESSURE HOSE Spray Hose—"Milo"—2 Braid Rayon fabric for added strength. High Pressure—600 lbs.



1/2" 3-braid—Uncoupled. Per ft.....42c
3/8" 2-braid—Uncoupled. Per ft.....38c

Insecticide Sprayer Hose—"Vigo" 100 lbs. Pressure—1 Braid



Single braid, black, smooth.
3/8" Uncoupled. Per ft.....18c

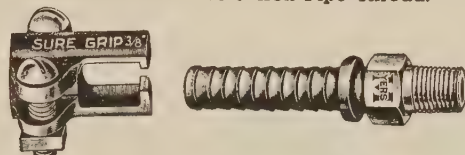
HIGH PRESSURE HOSE COUPLINGS



Heavy brass tailpieces and clamps. Impossible for hose to blow off or pull off.
Connection size 3/4". Hose thread.
Weight 1 lb.

End	Hose Size	Price
Female—3/8" or 1/2". With clamp.....		\$1.40
Male—3/8" or 1/2". With clamp.....		1.15
Complete Set—3/8" or 1/2".....		2.35

Connection size 1/4". Iron Pipe Thread.



Male End, 3/8". With clamp.....\$1.35
Male End, 1/2". With clamp.....1.35



PRESSURE GAUGE—Myers

Model 6633A. Measures up to 400 lbs.

Each.....\$7.75

BRASS EXTENSIONS FOR SPRAYERS

18-inch. Each.....\$1.15
34-inch. Each.....1.40

ADJUSTABLE NOZZLE No. 147



No. 147. Each.....\$1.50 6 for...\$7.80

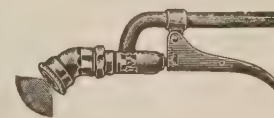
Throws broad fog mist, or long distance spray for trees. 1/4" pipe connection.

SHUT OFF COCKS, LEVER Myers

For compressed air sprayers—
Wt. 3/4 lbs.

No. 7538A. With Fembro 45° nozzle. Each...\$2.60

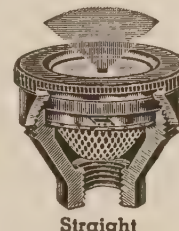
No. 5386A. Lever only. Each.....\$1.55



SPRAY NOZZLES—Myers Jumbo Nozzles

Large size. With holes drilled in whirler and with cone strainer. Delivers a very broad, fine spray with good carrying qualities.

Straight—Wt. 6 oz.
No. 7535B. Each....\$1.85
45 degree—Wt. 6 oz.
No. 7536B. Each....\$2.05



Fembro Nozzles

Standard used on hand pump, wheelbarrow type and the smaller sized power sprayers, spray booms, etc. All brass, stainless steel discs and cone screen strainer.

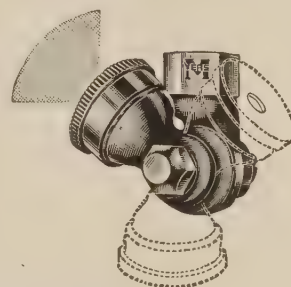
Straight—Wt. 4 oz.
No. 6253A. Each...\$1.25
No. 5741A. 45 degree—Wt. 4 oz. Each...\$1.40



Adjustable Nozzle will deliver the spray in any direction clear around the circle.

Wt. 5 oz.

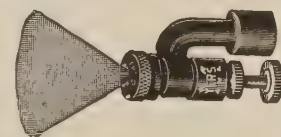
No. 7519A.
Each.....\$2.35



GRADUATING NOZZLE

The Spray may be graduated from a fine mist up to a solid spray carrying the stream a greater distance.

No. 6690A. Each.....\$1.45

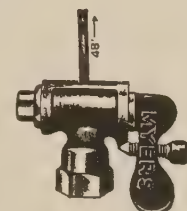


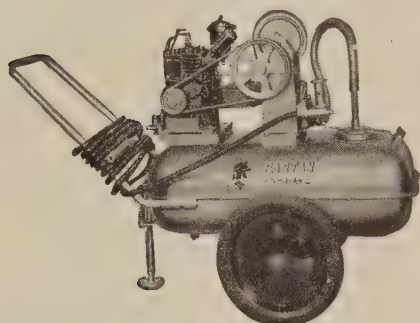
BORDEAUX NOZZLE No. 5424A

Will throw a fine fan-shaped spray or a solid stream or may be shut off altogether.

Recommended for white-washing.

No. 5424A. Wt. 6 oz.
Each.....\$2.05

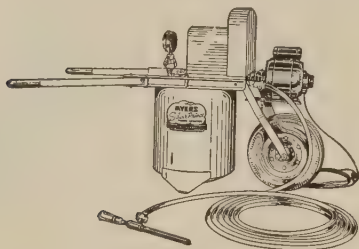


DUSTERS AND POWER SPRAYERS**POWER SPRAYERS****BEAN "Spartan"**

A rugged dependable sprayer that delivers the right pressure for every job. Pressure, 200 lbs. Capacity, 3 gallons per minute. Tank, 15 gals. Width, 20 inches. Complete with 25 ft. hose and Defender spray gun.

Model 3. With gasoline engine.....\$202.00

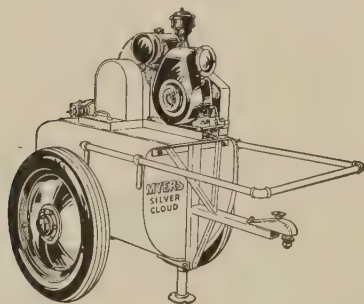
Model 3M. With ½ H.P. Electric Motor.\$208.00

MYERS "Silver Prince"

A compact, convenient greenhouse sprayer that provides high-pressure spraying at remarkably low cost. Perfectly balanced, easy to handle. Pressure, 225 lbs. Capacity 2 gallons per minute. Tank, 12½ gals. Width 16 inches. Complete with 15 ft. hose and spray gun.

No. 4502—MR. With ½ H.P. Electric Motor\$236.50

No. 4502—ER. With ¾ H.P. Gasoline Engine\$226.50

MYERS "Silver Cloud"

A sturdily made portable sprayer of the estate type that does an outstanding job. Double acting pump provides high driving spray or finely atomized mist. Capacity, 4 gallons per minute. Pressure 300 lbs. 50 gallon tank. Strong steel wheels with rubber tires. Hose and gun extra.

No. 4104—ER. With 1½ H.P. Gasoline Engine\$369.00

No. 4104—MR. With 1 H.P. Electric Motor\$364.00

Trailer Hitch extra..... 19.50

(Larger models also available.)

HAND DUST GUNS**"Junior" DUST Gun—No. P-1**

Stoutly made for long service. Easy to fill and operate. Holds ½ lb. of dust per filling.

No. P-1—Wt. 1½ lbs. Each.....\$ 2.20

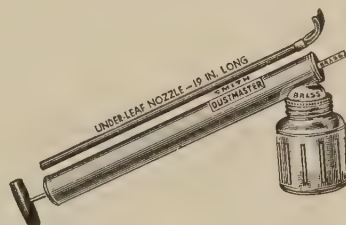
6 for.....\$10.40 Dozen..... 19.80

"Jumbo" DUST Gun—No. P-2

A larger hand gun with special filling device. Holds 1 lb. of dust per filling. Rugged construction for long life.

No. P-2—Wt. 2½ lbs. Each.....\$3.00

6 for.....\$15.60 Dozen.....\$27.30

"DUSTMASTER"

Hand pump type with Glass Jar Container and 12 inch extension.

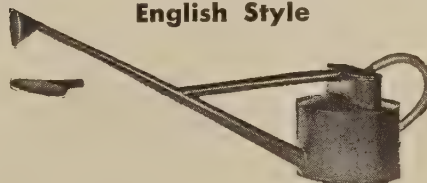
No. 36D. Each.....\$1.50 Dozen.....\$16.80

SPRINKLING CANS**French Style**

Heavy galvanized iron construction with strongly supported long spout. Tubular aluminum handle formed for balance and convenient pouring. Two brass roses—extra fine and medium coarse.

No. 306. 6 qt..\$7.00 **No. 310.** 10 qt..\$8.00

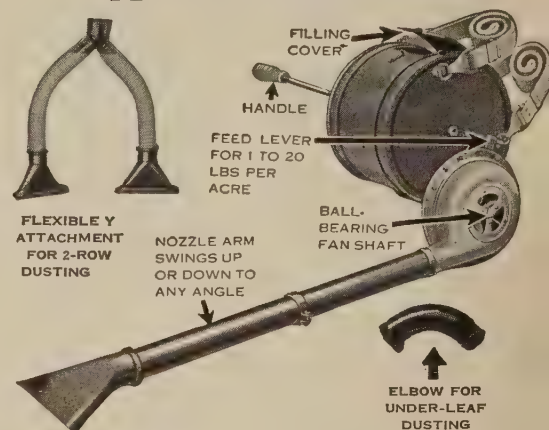
No. 308. 8 qt.. 7.50 **No. 312.** 12 qt.. 8.50

English Style

Heavy plated steel construction, enameled red. Tubular copper handle. Two brass roses—spoon (for seedlings) and round (for pot plants) with four and six quart cans; round extra fine and round medium coarse with eight and ten quart cans.

No. 404. 4 qt..\$7.00 **No. 408.** 8 qt..\$8.00

No. 406. 6 qt.. 7.50 **No. 410.** 10 qt.. 8.50

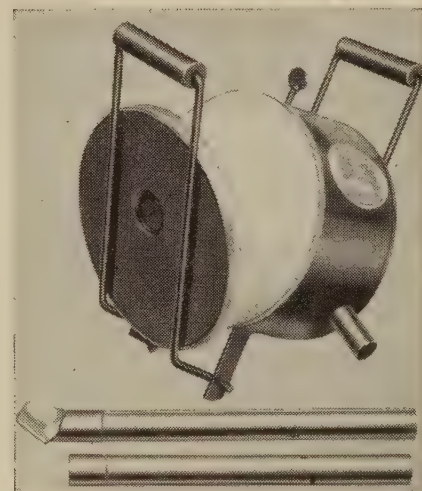
"DE LUXE" CRANK DUSTER

The last word in hand crank dusters. Bronze gears, ball bearings. All working parts packed in grease. Perfect balance, easy to carry and operate.

Complete, including all parts as above.

Each\$29.60

Shipping Weight—Each 16 lbs.

HAND DUSTER**Bellows Type**

A sturdy duster of practical design, light in weight, and easy to operate. Powerful pressure and air jet agitation keeps powder continuously mixed. Capacity, 8 lbs. All parts are enclosed and the steel tank is lead coated for long life. Stout bellows are of genuine leather.

Complete as shown. Each.....\$8.75

PEST CONTROL CHART

For the convenience of our customers we have included a Pest and Disease Control Chart on the Inside Back Cover of this catalog. This chart has been carefully compiled by the Ohio Florist Association under the direction of Prof. D. C. Kiplinger of Ohio State University. It is complete and up to date.

The insecticides and fungicides listed therein are carried in stock by us and are listed on Pages 64-68 of this catalog.

When trouble arises, consult the chart.

RESPIRATORS AND RUBBER CLOTHING

GAS MASK—"Burrell Industrial"



For complete protection against individual gases or a combination of gases, smokes, vapors and dusts — carbon monoxide and illuminating gases excepted. U.S. Bureau of Mines Approved. Each different gas or poison requires a special canister filter.

When ordering, kindly mention what poison or gas you will use the mask for. Complete with knapsack and carrying case.

Each\$29.00
CANISTERS. Each 3.40
For Formaldehyde or Nicotine, No. GMA-Black.
For Cyanogas. No. GMK-White.
For Organic Vapors and Acid Gases, No. GMC—Yellow. Including Vaportone and Aerosol Bombs.

GAS MASK—Junior

Full face covering gas mask with approved GMC-1 canister—No knapsack or carrying case. Designed for use with Aerosol bombs.

Each\$7.50

RUBBER HOOD

For use with gas masks to completely cover head and shoulders while spraying or using aerosols containing Parathion or TEPP.

Each\$8.00

FLOODLIGHT



For indoor or outdoor display. New patented design reflector gives stronger beam than much higher priced lights. Equipped with spike for anchoring into ground or bracket for permanent mounting. Gives off no heat. Amber lens, 7½-in. diameter. Uses standard 100-watt bulb. Complete with weatherproof cord and plug but without bulb. Each.....\$5.30

DUST RESPIRATOR "Comfo"



For DUSTS and MISTS. Outstanding efficiency in dust protection with utmost comfort to the wearer.

No. CR-44777.
Each ..\$3.65

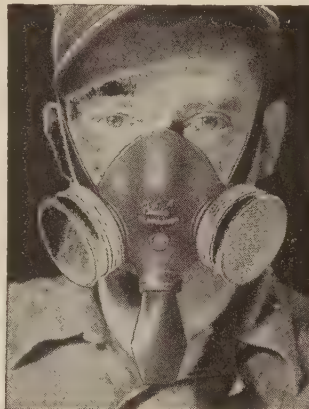
EXTRA FILTER DISCS.

No. CR-17393.
Package of 10...\$0.45

CHEMICAL RESPIRATOR "Twin Cartridge"

Absorbs nicotine or tobacco fumes, also paint fumes or any organic vapor fumes. U.S. Bureau of Mines Approved.

No. CR-44158.
Chemical Respirator.
Each ..\$6.50
CARTRIDGE REFILLS.
No. CR-44135.
2 for...\$1.00



KNEE PADS



A practical, serviceable, comfort-giving knee cushion. Per pair.....\$1.50

RUBBER BOOTS

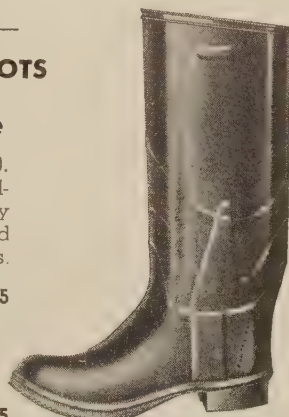
Boots—Knee

Sizes 7, 8, 9, 10. Very finest quality. Extra heavy soles. Reinforced toes and heels.

Per pair...\$6.25

Hip Boots

Per pair..\$10.25



RUBBER CLOTHING

Coats:

Light weight, yet tough. Buckle fasteners. Corduroy edged collar. Patch pockets with flaps. Eyelet ventilation under arms. Double ventilated back. Vent in skirt. Length 50 inches.

Sizes 36, 38, 40, 42.

Coats Each\$9.95

Hats:

Soft and light weight, yet durable and absolutely waterproof—seams vulcanized.

Sizes 6½ to 7¾.

Each\$1.50

GLOVES—Rubber Coated Fabric



Will not snag or tear. Medium weight. Waterproof. Very strong. Rubber Palm. Ventilated Back.

Gloves. Per pair.....\$1.00

Men's Gauntlets. Per pair..... 1.25

Ladies' Gauntlets. Per pair..... 1.00

APRONS—Greenhouse

RUBBER: Medium heavy, soft and pliable, yet tough and durable. Each.....\$3.00

APRONS—Light Weight, Soft, Pliable Rubber

For workroom, store or house. To keep clothes clean and dry. Complete with neck and waist bands. 35" long.

Each\$1.50

APRONS—Plastic

Soft and light, yet durable. A new plastic material that is three times thicker than the average. Will stand below zero temperature without cracking and will outwear rubber. 45" long. Each.....\$2.25

APRONS—Snap-On

Short aprons that snap around waist. Fine for florist shop or grading bench work.

RUBBER. Each.....\$1.50

WORK APRON—"Knepron"

A practical, heavy duty tan canvas apron with featherweight built-in knee pads. A great convenience for the person who has to work on his knees. Large pocket for carrying tools, small center pockets for keys, cigarettes, etc. Has split front for straddling seed rows. Strong ties to fasten at waist and below each knee. Each\$3.95

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GLAZING MATERIALS

GREENHOUSE PAINT

"A.F.S." Special White. A high grade paint made from a balanced formula for long life. Goes on WHITE and stays WHITE. One gallon covers 700 sq. ft.

Gallon\$ 5.85
5 gallons 28.75



KUHLS "Elastic" Gun Putty Composition



The original Elastic Greenhouse Glazing composition does not crack, chip, crumble or peel. Readily removed for re-glazing without destroying the surface to which it adheres; as it does not become hard. One gal. covers approx. 250 lineal ft.
1 gallon\$ 2.95
5 gallon 14.25

GARLANITE—Glazing Putty

Gun grade. Keeps soft and pliable.

1 gallon.....\$ 3.65
5 gallons.... 17.75

Weight: 16 lbs. per gallon.



GLAZING GUN



Capacity 1½ pints —
Model A. Each...\$4.75
Capacity 2 pints —
Model AA. Each..\$6.75

PUTTY BULB

For glazing or putty bulbing with liquid putty.

Each\$1.35



Glass Cutters

"Trojan" roller type.



Each.....\$0.25 3 for.....\$0.60

GLASS CLEANER—"Daybrite"

Apply with a brush, leave on a few minutes, then rinse off with cold water. It will leave the glass clean and free of grease and dirt. Daybrite will not injure paint or putty. One gallon will clean 600 square feet.

1-Gallon Jug—Wt. 17 lbs. Each.....\$2.00

STOP DRY ROT AND MILDEW DAMAGE

No fungus or insects will live on Cuprinol-treated materials. Works like magic on benches, frames, stakes, etc. No toxic fumes and, therefore, harmless to plant growth. Eliminates termites.

CUPRINOL 14—For Florists—Green

For general use in greenhouse. Contains 2% Copper by weight, meeting U.S. Navy Specifications for wood treatment. Gallon covers approx. 400 sq. ft. when brush applied. Especially handy for dipping flats and stakes.

5 gallons.....\$14.25 50 gallons.....\$119.25

CUPRINOL 10—Extra Strength—Green

Recommend for brush application on permanent structures. Contains 3% Copper by weight—almost 50% stronger than other types of wood preservatives. Gallon covers approx. 400 sq. ft.

1 gal.....\$4.70 5 gals.....\$22.20 50 gals.....\$190.80

CUPRINOL 20—Clear

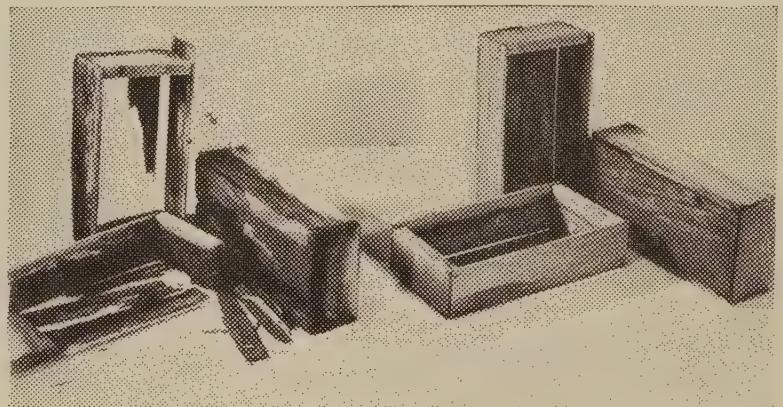
Same as Cuprinol 10 except it is clear, in color. Being used experimentally for dipping clay pots to prevent formation of algae on sides.

1 gal.....\$4.70 5 gals.....\$22.20 50 gals.....\$190.80

A

Striking Example

The untreated flats rotted almost to a powder. The others which had been given a quick dip in Cuprinol, were "as good as the day they were dipped." This is the report of a two-year test by a State Agricultural College.



GLASS CLEANER—"Lite-ning"

This scientific glass cleaner, made by the Garland Co., works instantly, dissolving the hardest crust of dirt, grease, soot, scum, or shading. Clean glass allows 30% to 60% more light to pass through. Under ordinary conditions dissolve ½ pound of Lite-ning crystals in one gallon of water. For exceptionally dirty glass, use one pound of Lite-ning to one gallon of water. Brush on glass, then rinse off with water. Will not injure plants or putty.

5 lb.\$ 6.75 10 lb.\$12.00
25 lb. 27.50 100 lb. 90.00

SHADING FOR GREENHOUSES "MT. BEACON"—Dark Green

1 gallon sufficient for 300 to 400 square feet. Finest quality manufactured.

1-Gallon Pails. Each.....\$ 4.30
5-Gallon Drums. Each..... 21.00

DILUTION—1 part to 10 parts of Gasoline

"MT. BEACON"—Sea Green

1-Gallon Pails. Each.....\$ 3.60
5-Gallon Drums. Each..... 17.50

"MT. BEACON"—White

1-Gallon Pails. Each.....\$ 4.30
5-Gallon Drums. Each..... 21.00

Full directions for using on each Pail or Drum.

GARLAND—White Shading

25 lbs. sufficient for 600 to 700 square feet. Used by large growers for many years.

For comparison 25 lbs. is equivalent to 2 gallons. Use 2 to 3 lbs. per gallon of water.

25-lb. Bags ...\$ 4.15 50-lb. Bags ...\$ 8.00
100-lb. Kegs ... 16.00 350-lb. Barrels . 45.50

GLAZING POINTS—Straight

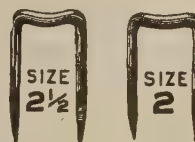
5/8"—Approx. 1500 to 1-lb. box.

7/8"—Approx. 1000 to 1-lb. box.

Per 1-lb. box. Each.....\$0.75

5 or more boxes. Each65

20 or more boxes. Each..... .60



GLAZING STAPLES

Size 2 for single thick glass. Approx. 1000 per box.

Per box. Each....\$0.70
10 or more boxes.

Ea......60

Size 2½ for double thick glass.

Approx. 1000 per box.

Per box. Each....\$0.70

10 or more boxes.

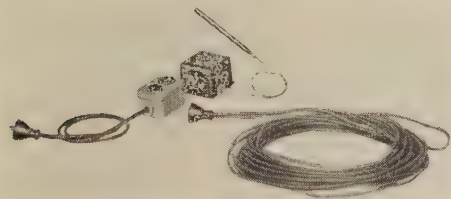
Ea......60

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SOIL EQUIPMENT, GLASS SUBSTITUTES, ETC.

SOIL HEATING EQUIPMENT

"General Electric"



General Electric—the very best in Soil Heating equipment. Sturdy lead-covered cable and heavy duty thermostats, built to last.

This flexible heating cable can be used in hot-bed, cold frame or greenhouse bench. By applying "bottom heat" it provides positive control and faster stimulation of growth. Soil can be maintained at 15° to 20° F. above general house temperature.

One 30-ft. cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.
One 60-ft. cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.
One 120-ft. cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Thermostat Model A is a simplified type and will control one or two 60-ft. cables, or six 30-ft. cables.

Thermostat assembly Model B includes a duplex receptacle and 3 ft. of all-rubber cord. It controls up to four 60-ft. or 120-ft. cables.

Set No. 00 (Model A Thermostat and one 30-ft. cable)	\$16.40
Set No. 0 (Model A Thermostat and one 60-ft. cable)	20.80
Set No. 1 (Model B Thermostat assembly and one 60-ft. cable)	30.15
Set No. 2 (Model B Thermostat assembly and one 120-ft. cable)	42.00
Extra 30-ft. cable	6.55
Extra 60-ft. cable	10.95
Extra 120-ft. cable	22.80
Thermostat Model A Assembly	9.85
Thermostat Model B Assembly	19.20

ORCHID PEAT

Yellow Osmundine Fibres.

Very finest quality, used by practically all of the large Orchid Growers in the country.

Approx. Weight Yellow

Half bales	25 lbs.	\$ 9.00
Large bales	50 lbs.	17.00

F. O. B. Producer—Florida.

PEARL CHIPS

Bulk	White	Colored
500 lbs.	\$18.75	\$19.75
100 lbs.	3.95	4.25
50 lbs.	2.50	2.75
25 lbs.	1.50	1.75
1-25 lbs. Per lb.	7c	8c

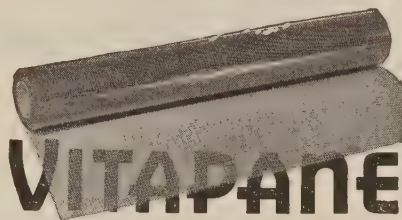
In Boxes White Colored
F.O.B. Chicago

Dozen boxes	\$ 1.50
Ctn. of 36	3.60
Gross	12.08

F.O.B. Muscatine, Iowa
Gross**\$8.64 \$10.08**



GLASS SUBSTITUTES



These are excellent substitutes for glass and can be used in many ways by the florist: For greenhouse partitions, hot bed covers, covering outside beds, etc.

All the materials must pass durability tests. In hot Southern climates, however, it has been our experience, that SCREEN-GLASS is the only material that can be wholeheartedly recommended since it will not break down under the heat and will continue to transmit the sun's rays necessary to plant growth.

Screen-Glass

Wire screen cloth imbedded in clear, waterproof plastic which transmits the ultra-violet rays. Lets in heat better than glass. 36" wide.

50-ft. roll	\$18.50
100-ft. roll	36.00

Vitapane

Crystal clear material with cross-cord reinforcement. Admits over 60 percent ULTRAVIOLET RAYS. Has many uses in greenhouses, cold frames, as plant protectors, etc. 36" wide.

50-ft. roll. Each	\$ 8.00
150-ft. roll. Each	24.00

Wyr-O-Glass

Tough, galvanized 1/4-inch wire mesh covered with plastic glass. Very strong and transparent. Extra high in ultra-violet transmission. 36" wide. 10-yd. roll

10-yd. roll	\$ 7.50
25-yd. roll	17.50

Glass-O-Net

Strong, waterproof cords made into a 1/4" mesh and covered with plastic glass bound together with a tough waterproof composition, into a solid sheet, reinforced by the netting. 36" wide. 10-yd. roll

10-yd. roll	\$ 5.25
25-yd. roll	12.00

Plastiglass

Made by laminating two sheets of clear, resilient, weatherproof plastic over a tough, transparent plastic cord base of exceptional strength. Its slight elasticity makes it stay tight and neat when fastened in place. 36 in. wide. 10-yd. roll

10-yd. roll	\$ 6.75
25-yd. roll	15.50

Flex-O-Glass

A finely woven cloth, every fibre of which is impregnated with a solution of high melting point, waterproof wax composition. Semi-transparent, it is the leading window material. 36" wide. 10-yd. roll

10-yd. roll	\$ 4.50
25-yd. roll	10.00

Window-Fabric

Similar to Flex-O-Glass but not as highly impregnated and not quite so transparent. 36" wide. 10-yd. roll

10-yd. roll	\$4.00
25-yd. roll	8.75

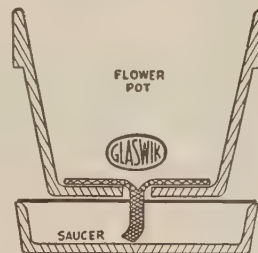
☐ Samples and description sent on request.

GLASWIK

Self-watering wicks for plants—seeds—cuttings.

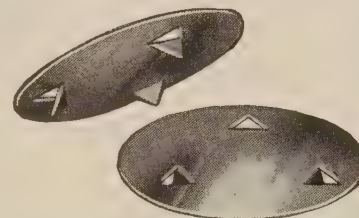
Satisfy your thirsty plants with the least effort and most efficiency.

Water them from below (sub-irrigation), the easy way, with the new non-corroding GLASWIK, made from pure spun glass. 3/8" diameter.



Per ft.	\$.25
25 ft.	\$4.50
50 ft.	8.00
100 ft.	14.00

EVERGRO POT DRAINS



Saves labor, time and money when potting. Prevents drain from clogging. Will not shift. Fits 3 1/2" to 12" pots.

500	\$ 6.00	1,000	\$ 10.00
5,000	45.00	10,000	85.00
25,000			187.50

MAGNIFIER—Two Lens



Gives choice of 3 magnifications. First lens 5 times, second lens 7 times and in combination 10 times.

No. 81-23-95. Each....**\$2.60**

RUST PREVENTIVE

"Carter's"

For rustproofing pipes, boilers, stacks and all iron or steel work around the greenhouse. A liquid paragon coating that protects both old and new equipment against rust and corrosion with one application, and at the same time beautifies it with its smooth, colorful enamel finish.

Carter's Rust Preventive will withstand temperatures of 500° to 550° F. and expands and contracts with the metal without cracking, peeling or chipping. Will cover 450 to 550 sq. ft. of surface to the gallon. Available in black, clear, white.

Black. Per gallon	\$4.55
5 gals., per gallon	4.40
White or clear. Per gallon	6.40
5 gals., per gallon	6.35

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PRUNERS AND SHEARS

GRASS SHEARS Wiss No. 5600



Drop-forged steel. Red enameled handles.

No. 5600. Each.....\$2.25 6 for.....\$11.25
Dozen 20.00

"WISS CLIPPER"



No. 700. Each.....\$1.75 6 for.....\$ 9.00
Dozen 15.60

GRASS HOOK—Scythe Type



Each.....\$0.90 6 for.....\$4.20
Dozen 8.00

FLOWER PICKER SHEARS



A perfect flower shear—snips and grips in one easy scissors cut, without damaging the stem. 6½ inches long.

No. 711. Each.....\$1.35 6 for.....\$ 6.60
Dozen 11.92

FLOWER CUTTER-HOLDER (WISS). Reaches, cuts and holds out-of-reach flowers. Made of aluminum... weighs just 5 ounces... 18-inch length allows good reach.

No. FH-3. Each.....\$3.00 6 for.....\$14.40
Dozen 26.00

LOPPING SHEARS— Corona-Hawley



Cutting blade hollow ground of finest steel. Has exclusive new spring guard to reduce cutting shock. Handles of selected No. 1 Hickory. 26 inches overall.

No. 26T. Each.....\$5.50 3 for.....\$12.60

HY-POWER PRUNER—Wiss



Specially constructed with a very high ratio leverage—it will cut through tough stems, hard branches, etc.

No. 908. 8 inches overall.
Each.....\$2.50 6 for.....\$12.60
Dozen 22.00

No. 906-B. 6 inches overall.
Each.....\$2.00 6 for.....\$ 9.90
Dozen 18.00

DRAW-CUT PRUNER—Wiss



Solid scissor blade steel. Volute spring. Gun-metal handles, polished blade.

New idea in pruning shear construction; will outcut any pruning shear of its size. Gives increased leverage.

8 inches overall. Weight ¾ lb.
No. 808. Each.....\$4.00 6 for.....\$20.00
Dozen 36.00

ROSE PRUNER—Wiss



Finest steel. Light, but strong. 6 inches overall.

No. 607-R. Each.....\$2.25 6 for.....\$11.25
Dozen 20.00

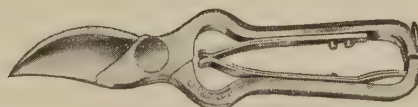
S&L PRUNING SHEARS



Made of drop-forged steel, red enameled. Blade and hook heat treated and ground. Heavy construction. 9 inches overall.

Each.....\$1.90 6 for.....\$ 9.60
Dozen 18.00

PROFESSIONAL PRUNER—Henry



American Rieser style. Long wearing—easy cutting. Best quality, oval bevel steel blade, hardened and tempered. Double, brass spring. 9 inches long.

No. 4773. Each.....\$3.60 6 for.....\$18.90
Dozen 31.60

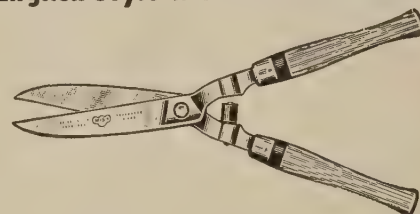
ELECTRIC HEDGE TRIMMER



"Pincor"

Makes trimming of hedges and shrubbery easy. Complete with 3-foot rubber covered cord, extra handle and Hi-cut adapter. AC or DC current. Price\$37.50

HEDGE SHEARS—Wiss English Style with Shock Absorber



Finest of hedge shears; the choice of professional gardeners. Light in weight, blades are tapered to provide superb balance. New patented shock absorber takes the jolt out of hedge cutting and reduces arm fatigue. Blades highly polished, hollow ground, with special notch for heavy branches.

	Length of Blade	Each	½ doz.
No. 8½E.....	8½"	\$4.35	\$19.00
No. 9½E.....	9½"	4.50	20.00

Regular Pattern



Well balanced, expertly designed quality construction throughout. Drop forged blades, hollow ground, full polished. Notch for heavy branches.

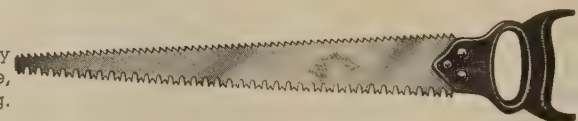
	Length of Blade	Each	½ doz.
No. 8½B.....	8½"	\$3.15	\$14.00
No. 9½B.....	9½"	3.60	18.00

POLE SAW—Disston



14-inch blade. Without poles.
Each\$4.00

PRUNING SAW



Duplex Pruner—Double Edge—Wt. 1 lb.
Each\$2.75

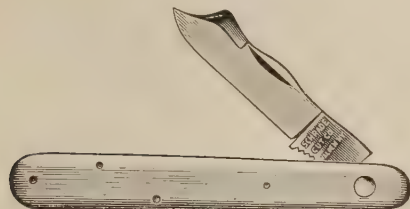
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

FLORIST KNIVES

KNIVES

Finest grade American-made folding knives of razor steel, brass-lined.

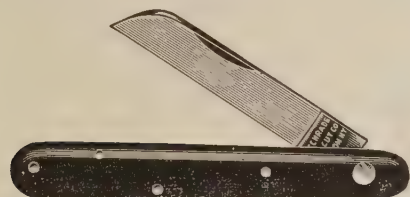
Budding



No. 181. Single budding blade. Finest quality, hand forged.

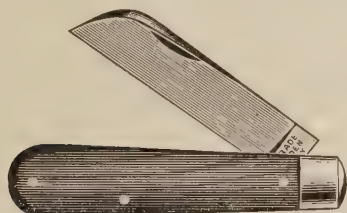
Each.....\$3.00 6 for.....\$16.00
Dozen 26.00

Grafting



No. 182. Single grafting blade. Finest quality, hand forged.

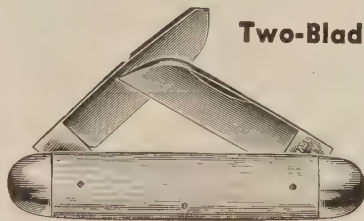
Each.....\$2.50 6 for.....\$14.00
Dozen 22.00



No. 175. Single grafting blade. Good quality, machine forged. Cocobola wood handle.

Each.....\$1.75 6 for.....\$ 9.00
Dozen 16.00

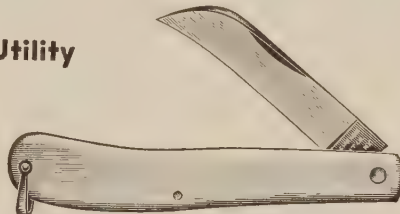
Two-Bladed



No. 716. Grafting blade and budding blade. Finest quality, hand forged. White handle.

Each.....\$2.75 6 for.....\$15.00
Dozen 24.00

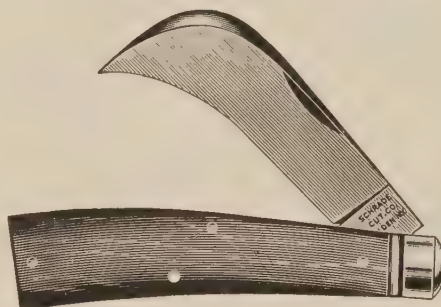
Utility



No. 196. White handle, single blade, ring for chain. Finest quality hand forged.

Each.....\$2.00 6 for.....\$11.00
Dozen 18.00

NURSERY PRUNING KNIFE



No. 186. Heavy hooked blade, 4 7/8" long. Hardwood handle, steel bolsters.

Each.....\$2.25 6 for.....\$12.00
Dozen 20.00

FIXED BLADE KNIVES

"Schrade"

Carbon Steel Blade; Imported Cocobola wood Handles; Compression Rivets; Blade Polished on one side.

No. 173. Grafting Knife, 6 1/2 inches long.

Each\$0.90
Dozen 8.00

No. 174. Budding Knife, 6 inches long.

Each\$0.90
Dozen 8.00

COMBINATION STONE "Carborundum"



No. 109. One side coarse grit. The other fine grit for giving the finished keen edge. 6" x 2" x 1".

Each\$1.75

GARDEN AND HOME SHARPENING STONE



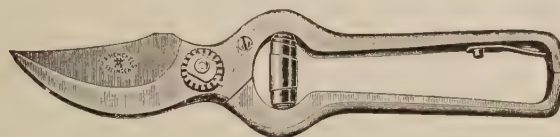
No. 46. Has red wooden handle. For sharpening lawn mower knives, Garden Tools, Household Knives and many other edge tools.

Each85c

IMPORTED HENCKEL PRUNING SHEARS AND KNIVES

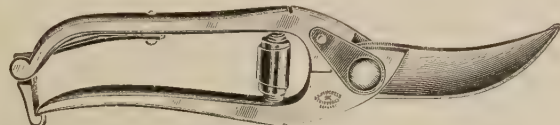


Once again this high grade German cutlery is available. Made of razor steel, these shears and knives will take a fine edge and hold it indefinitely.



Pruning Shears

	Each	6	Dozen
No. 190. 7 1/2"	\$4.00	\$21.60	\$40.36
No. 200. 8 1/2"	4.50	24.30	44.80
No. 210. 9 1/2"	5.00	27.00	50.40

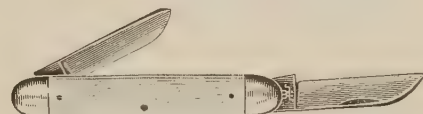


Dahlia Shears

Long narrow blades for delicate trimming and pruning.

	Each	6	Dozen
No. 192. 9"	\$5.00	\$27.00	\$50.40

Two-Bladed Knife



No. 727. Each\$ 3.00
6 for.....\$16.50 Dozen..... 30.30

Grafting Knife



No. 778CB. Each.....\$ 2.75
6 for.....\$15.00 Dozen..... 24.00

Budding Knife



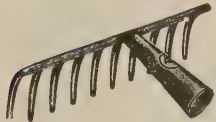
No. 780CB. Each.....\$ 2.85
6 for.....\$15.90 Dozen..... 27.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GARDEX**"Soil-Flow" Tools****BOW RAKE**

Carbon steel. 5 foot handle.

No. 250-14. 14 tine.
Each.....\$1.64 6 for.....\$8.20
No. 250-16. 16 tine.
Each.....\$1.80 6 for.....\$9.00

CURVED TOOTH RAKE

5 ft. handle.

No. 251-14. 14 tine.

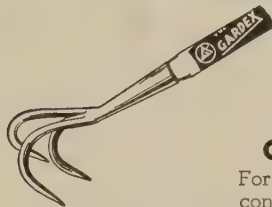
Each\$1.40
6 for 7.00

No. 251-16. 16 tine.
Each.....\$1.56 6 for.....\$7.80

**LAWN SWEEP**

3½ ft. handle.

No. 403. Each.....\$1.32 6 for.....\$6.60

**SMALL CULTIVATOR**

For loosening and air-conditioning the soil.

4 ft. handle.

No. 1503. Each.....\$1.32 6 for.....\$6.60

**DIAMOND POINT CULTIVATOR**

Patented Diamond Point Shares. Penetrates soil much easier than old types. 4½ ft. handle.

No. 1553. Each.....\$1.80 6 for.....\$9.00

CULTIVATOR WITH WEEDER

Cultivate and weed with one tool! Three-prong Cultivator loosens soil thoroughly, while the weeding blade cuts off all weeds quickly. Light and handy. A favorite with every gardener.

Complete with 4 ft. handle.

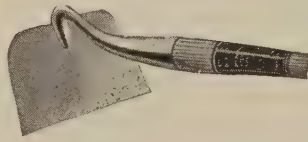
3 Prongs, 4½" wide, blade 4" wide.

No. 1523. Each.....\$1.64 6 for.....\$8.20

SIEVES

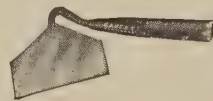
For handsifting soil, gravel, etc. 18" diameter, about 5" deep. Meshes available 2, 4, 6 or 8 holes to the inch.

Each\$2.15

**GARDEN AND FIELD HOE**

Sharpened blade, half polished, of high carbon steel. 6½ inch blade. 4 foot handle.

No. 906. Each.....\$1.08 6 for.....\$5.40

NURSERYMAN'S HOE

Sharpened on three sides, 7 inch blade. 4½ foot handle.

No. 9027. Each.....\$1.40
6 for 7.00

WARREN HOE

Useful for making furrows, tilling and weeding. Ears, point and blade edge are sharpened.

4½ ft. handle.

No. 2105. Each...\$1.68
6 for 8.40

SINGLE BOW-PULL HOE

Blade 7" wide.

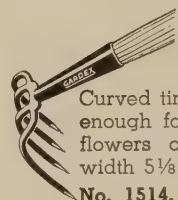
No. 1217. 4½ ft. handle.
Each\$1.48
6 for 7.40

DOUBLE BOW-PULL HOE

No chopping with this tool. Just pull through ground, cutting off all weeds, mulch and weed at the same time.

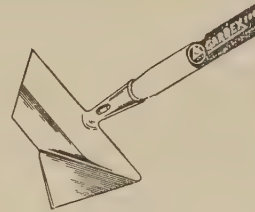
Complete with 4½ ft. handle.

No. 1207. Each.....\$1.48 6 for.....\$7.40

SPEEDY CULTIVATOR

Curved tines, sharply pointed and short enough for working under low bushes, flowers and plants. Tine length 4", width 5½", 4½-ft. handle.

No. 1514. Each...\$1.64 6 for...\$8.20

TURF EDGER

Cuts vertically and horizontally, or V-shaped groove, cleanly and speedily. 4½-ft. handle.

No. 400. Each.....\$2.00 6 for.....\$10.00

WHEEL LAWN EDGER "Gardex"

Hardwood roller with 6-inch steel blade, 4 ft. handle.

No. 401. Each..\$2.12 6 for..\$10.60

SIDEWALK SCRAPER

High carbon steel, sharpened edge, 7 inches wide, 4 ft. handle.

No. 500. Each.....\$1.12
6 for 5.60

**GARDEX SEEDER**

Has adjustable hopper, sows seeds from the smallest flower seeds up to cucumber size in the home garden, flower garden, greenhouse. Rolled through the marked-out seed row without pressure, it cannot clog up. It drops seeds quickly, evenly and economically. You do not have to bend down. 30" handle.

No. 270. Each.....\$1.48 6 for.....\$7.40

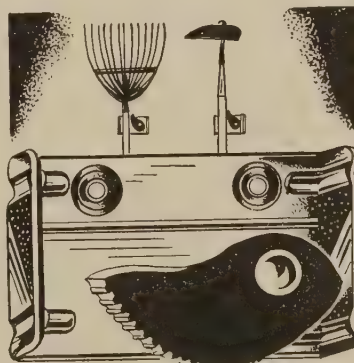
SEED SOWER—"Cyclone"

Sows perfectly even all varieties of farm seeds such as clover, alfalfa, oats, rye, wheat, lawn grass, etc., and can be regulated any amount per acre. The bag holds about ½ bushel of seed. It is easily operated. Wt. 4 lbs.

Each.....\$3.50 6 for.....\$17.20

**AUTOMATIC TOOL HOLDER**

Holds Tools Rigidly, Securely



Simply screw to wall at desired height. Will take handles from 7/8" to 1½" diameter. Just place handle between rubber cam and metal side. Nothing to get out of order. Holds garden tools, hedge shears, brooms, etc.

Each....30c Dozen....\$3.00 Ctn. of 36....\$7.20

GARDEN TOOLS

SPADING FORK



Heavy angular back tines.
Each.....\$2.50 6 for.....\$12.46

SPADE—Standard



Quality steel blade, 7 1/4 x 12 in.
Each.....\$2.65 6 for.....\$15.00

SPADES—Nursery and Tree



Alloy steel blade. Heavy steel strap runs two-thirds length of handle (15 inches). Steel D-handle.

	Each	3 for
SQUARE POINT	\$5.50	\$14.85
DIAMOND POINT	5.60	15.15



TREE DIGGER (Full length straps).
Each.....\$7.20 3 for.....\$19.50

ROUND POINT SHOVELS



Split D-handle, 28 inches long.
Each\$2.65



LONG handle, 4 1/2 ft. long. Each.....\$2.65

SOIL SHOVEL Greenhouse Special



Square point blade, 9 3/4 in. x 12 in. Size 2.
Each\$2.75

WEED OR ASPARAGUS KNIVES



No. 706. 15" overall—Weight 1/2 lb.
Each.....50c Dozen.....\$4.80
No. 431. 45" overall—Weight 1 lb.
Each.....70c 6 for.....\$3.40

ALUMINUM HAND TOOLS

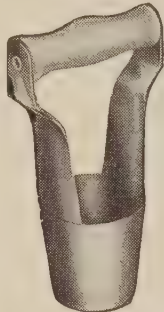
Streamlined cast aluminum garden tools. Very light, yet strong as steel.

Large Trowel.

Transplanting Trowel.

Cultivator—Bulb Planter.

Each.....48c Dozen.....\$4.24



HOLE-IN-ONE BULB AND PLANT SETTER

Merely cut this handy tool into the soil, remove it with a slight twist and the soil comes with it, leaving a clean, flat-bottomed hole in which plants or bulbs may be set.

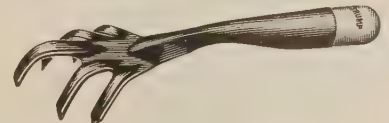
Each..\$0.80 Dozen..\$7.60

"TRUMP" WEED CUTTER



No. 805. Per dozen....\$2.10 Gross....\$22.40

"TRUMP" HAND TOOLS



Inexpensive but sturdy tools for resale. Green enameled 18-gauge steel.

	Dozen	Gross
No. 800. Trowel	\$2.10	\$22.40
No. 801. Fork	2.10	22.40
No. 802. Cultivator	2.10	22.40
No. 811. 3-piece Sets	6.30	72.00

"TRUMP" TRANSPLANTER



No. 804. Per dozen....\$2.10 Gross....\$22.40

GARDEX MIDGET TOOLS



	Each	Dozen
No. 713. Cultivator	40c	\$4.00
No. 714. Culti-Weeder	50c	4.80
No. 703. Fork	40c	4.00
No. 715. Rake	50c	4.80



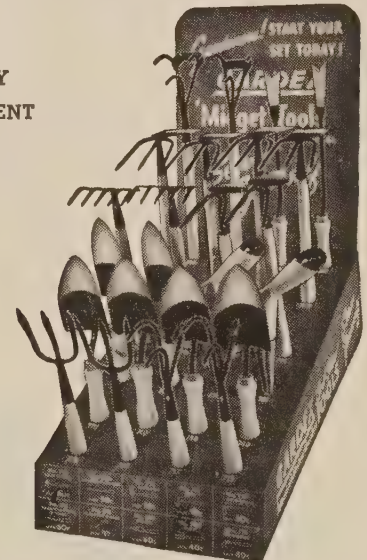
	Each	Dozen
No. 732. Culti-Hoe	55c	\$5.60
No. 721. Culti-Spade	50c	4.80
No. 751. Dibble	95c	9.60

TRANSPLANTING TROWEL



No. 741. Each.....65c Dozen.....\$6.40

DISPLAY ASSORTMENT



Here's the display that made big profits for thousands of dealers last spring! Put your Gardex "Midget" tools on the counter, within easy reach . . . with this exclusive colorful, sturdy all-steel display. No selling required.

HERE IS WHAT YOU GET:

1—770 Display Rack	2—715 Rakes
4—740 Trowels	2—751 Dibbles
2—741 Transplanting Trowels	2—721 Culti-Spades
4—732 Culti-Hoes	2—706 Dandelion Cutters
2—714 Culti-Weeders	2—713 Cultivators
2—703 Spading Forks	

Retail value, \$16.80, plus \$5.00 display rack.
No. 770. Display.....\$11.96

FLORIST TROWEL



High carbon steel blade. Half polished, round point, sharpened. Shank forged onto blade.
No. 740. Each.....65c Dozen.....\$6.40

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

MOTO-MOWER—Best Known Name in Power Lawn Mowers for 30 Years

HAND LAWN MOWERS



Lawn Ace 18"

Simple, compact, durable; a lighter lower-priced mower built in accordance with Moto-Mower's highest standards of quality and design.

Reel 6" diameter; has 5 crucible steel blades; Timken roller bearings. Cutting height $\frac{3}{4}$ " to $1\frac{3}{4}$ ".

"V" belt and chain drive; lever control from handlebar.

Briggs and Stratton engine, $\frac{3}{4}$ to 1 h.p. Net wt., 92 lbs.

(List \$120.50). Our price.....\$102.42

Roto-Mower 20"



A rotary-blade type of mower for uneven, weed-infested lawns, also for coarse grasses such as are found in the South.

Wheels are placed so as to compensate for unevenness of terrain and are within cutting width of mower, making possible cutting close to trees, walls, etc.

Unique "Cobra" blade gives a lifting effect and scything action that leaves no uncut grass or weeds.

Ball-bearing wheels. Height of cut $1\frac{1}{2}$ " to 3". Net weight 87 lbs. Clinton engine, $1\frac{1}{2}$ to 2 h.p. (List \$152.95). Our price.....\$130.01

Leaf Pulverizer Attachment

This attachment can be inserted in the Roto-Mower for running over lawns covered with leaves. It grinds the leaves into fine particles and drops them into the grass as a mulch. Each.....\$20.00

Power Cut 17 $\frac{1}{2}$ "



The ideal power mower for small lawns. Lightweight.

Reel 6" diameter, 5 crucible steel blades mounted on self-adjusting ball bearings. Cutting height $\frac{3}{4}$ " to $1\frac{1}{2}$ ".

"V" belt and chain drive; lever control from handlebar.

Clinton engine, $\frac{3}{4}$ to 1 h.p. Net wt., 87 lbs. (List \$98.95). Our price.....\$84.11

**The Moto-Boy 20"
The Scout 22"**



Built of steel and sturdy castings throughout; heavy side frames; long "wheelbase"; 3 large wood rollers. Reel 6" diameter; has five crucible steel blades; Timken roller bearings. Cutting height $\frac{3}{4}$ " to $1\frac{3}{4}$ ".

Double "V" belt and chain drive; large sheaves reducing engine speed to mower, enabling operating at slow walking speed. Lever control from handlebar.

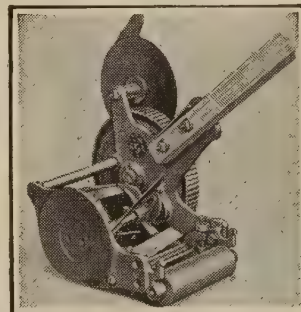
The Moto-Boy 20". Briggs and Stratton $\frac{3}{4}$ to $1\frac{1}{2}$ h.p. engine. Net wt. 108 lbs.

(List \$143.25). Our price.....\$121.76

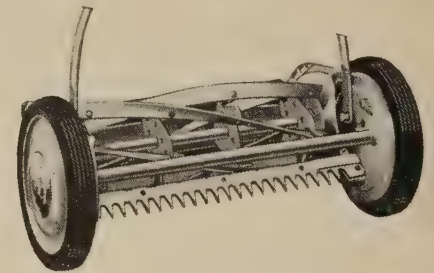
The Scout 22". Briggs and Stratton $1\frac{1}{2}$ to $1\frac{3}{4}$ h.p. engine. Net wt. 120 lbs.

(List \$165.25). Our price.....\$140.46

Master Edger and Trimmer



A combined lawn trimmer, lawn edger and finisher. Cuts close to walls, fences, monuments, etc. Trims around side-walks, flower beds, etc. Width, 6". Each..\$16.50



"Cadet"—Moto-Mower

A neat, trim hand mower of modern design. Today's outstanding mower value.

All steel reel with special alloy blades—precision ground ball bearings—tubular steel handle with rubber grips—semi-pneumatic tires and rubber roller. Cutting height $\frac{3}{4}$ " to $1\frac{1}{2}$ ". Five blades, 16" width. Shipping wt., 44 lbs.

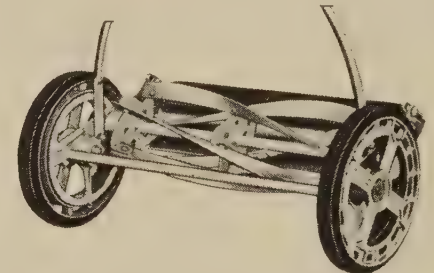
Sickle Weed Clipper. The Cadet is available also with a built-in Sickle that cuts tall weeds such as dandelions, buckhorn, plantain, etc., that grow faster than lawn grasses. Now it is possible to do a complete mowing job in one operation.

With Sickle Weed Clipper

(List \$34.75). Our price.....\$27.80

Without Sickle Weed Clipper

(List \$26.95). Our price.....\$21.56



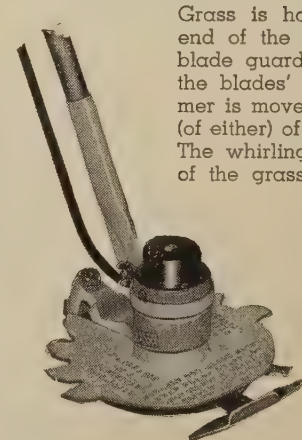
"Chevron"—Moto-Mower

A low priced mower of exceptional value. Rubber-tired wheels—light but sturdy cast side frames—special alloy blades—self adjusting ball bearings—tubular handle with rubber grips—hard wood roller.

Cutting height $\frac{3}{4}$ " to $1\frac{1}{2}$ ". Five blades, 16" width. Shipping wt., 42 lbs.

(List \$22.75). Our price.....\$18.20

ELECTRIC GRASS TRIMMER

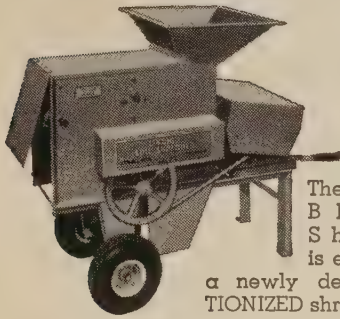


Grass is hooked with either end of the "T" shaped front blade guard and drawn into the blades' path as the trimmer is moved in the direction (of either) of the pointed ends. The whirling blade then cuts of the grass as the grass is held upright by the suction that the blade creates. 110 volt. AC or DC, 8-inch blade. An hour of hand-work is completed in a few minutes time with "O-K" Trimmers.

O.K. Grass Trimmer.....\$34.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SOIL SHREDDERS THE NEW IMPROVED LINDIG



The new Model B Lindig Soil Shredder is equipped with a newly developed ACTIONIZED shredding blade,

made of a special steel to resist the most severe wear. Each shredding blade is free swinging. The stationary blades are individually mounted with a spring on each blade. This feature allows only the required opening to be made for a non-crushable object to pass through the shredder, and is found only in the Lindig patented soil shredder.

The new Model B shreds faster and more uniformly all soils, peat, manure, compost piles, leaf mold, sphagnum moss, shingle tow, and sods.

Model JR-B. For the small grower or as a second shredder for the large grower to use on the potting bench. Height 27", length 36". Hopper size, 15" x 15". Rotor 7" wide with 3 sets of blades.

With 1/3 h.p. motor.....\$136.00
Following models are 36" high and 46" over-all. Steel wheels.

Model No. 1B-4. Feeder hopper size, 16 x 18 in. beater drum, 8 1/2 in. wide, with four rows of teeth. Without motor.....\$130.00

Model No. 1B-6. Same as Model No. 1A, except that beater drum has six rows of teeth. Designed for extra fine shredding. Without motor.....\$135.00

Model No. 2B-6. Feeder hopper size, 16 x 20 in. Beater drum, 19 1/2 in. wide, with six rows of teeth. Without motor.....\$160.00

Model No. 2B-8. Same as Model No. 2-A, except beater drum has eight rows of teeth. Designed for extra fine shredding. Without motor.....\$175.00

Electric Motor. 3/4 h.p., for use with models 1B-4, 1B-6, or 2B-6. Each.....\$65.50

1 h.p. For use with Models 2B-6 or 2B-8. Each.....\$87.50

Gasoline Engine. 1 1/2 h.p., for use with all models. Each.....\$70.00

Rubber Tires. For use with all models. Per set.....\$20.00

Screening Attachment. For use with all models. Designed to remove rocks, sticks, roots, and other undesirable material from the shredded soil.

For Models No. 1B-4 and 1B-6.....\$50.00

For Models No. 2B-6 and 2B-8..... 60.00

Larger models and conveyors also available.

Send for circular.

CULTIVATOR—3 in 1



Weeder—Cultivator—Mulcher

Revolving reel blades, working in combination with a stationary knife, destroy the weeds, pulverize the clods, mulch and level the soil all in one operation. When deeper cultivation is desired, the cultivator teeth can be used by simply turning the tool over.

Complete (Model R-100). Each.....\$ 7.00
3 for 17.20

LAWN MOWER SHARPENER

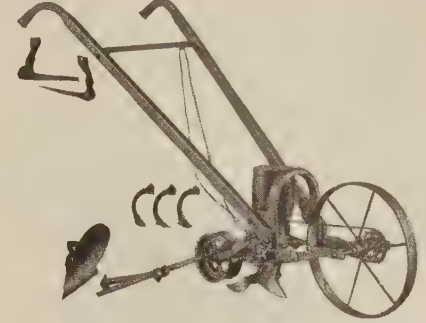
Adjustable to all types and makes of lawnmowers. Simple and easy to use. High quality. Abrasive may be renewed or removed and cleaned in gasoline or soap and water.

Each.....\$1.25 Dozen.....\$10.00



"THE COMPLETE GARDENER"

Combination includes Hill and Drill Seeder, Single Wheel Hoe Cultivator and Plow.



It can be very easily and quickly changed from one to the other as you choose.

Hopper capacity—2 quarts. Shipping weight—approximately 52 lbs.

Complete (Model 635-D). Each.....\$22.50

Hill and Drill Seeder only. Same as above, less Plows and Cultivators. Weight 38 lbs.

Complete (Model 625). Each.....\$19.90

CULTIVATOR— Double Wheel



The double wheel design gives maximum clearance with open arch frame. Great strength and rigidity.

Complete (Model 630-D). Each.....\$7.50

GRASS CATCHER



Fits all hand mowers from 12" through 18" widths.

Each.....\$2.25 6 for.....\$12.00

MERRY TILLER

A Lightweight Rotary Cultivator for Garden or Greenhouse Bench

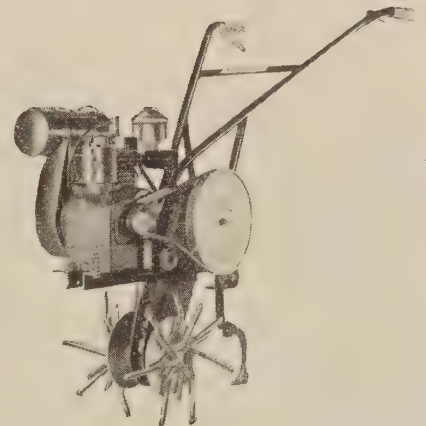
Light enough in weight for ease of operation and for convenient use in the greenhouse, yet very sturdy and reliable. Simplicity of construction insures dependability and long life.

Power is delivered directly to rotors—circular steel discs to which tough, protruding tines or teeth have been welded. There are no "wheels" in the usual sense.

The operator simply retards the forward progress by sinking the cultivator tooth at the rear of the machine into the soil. This forces the rotor teeth to thoroughly stir, mix and mulch the soil at the desired depth while continuing to move slowly forward.



Action photo showing how the Merry Tiller completely mulches the soil.



SPECIFICATIONS

Motor: 1 1/2 h. p., one cylinder, air-cooled gasoline motor.

Rotors and Rotor Teeth: Cold rolled steel tipped with Stellite (an extra hard surfacing material).

Cultivating Depth: Up to 10 inches.

Cultivating Width: With standard rotors, 12 inches; with double rotors, 24 inches.

Full Power single outside reduction.

Net Weight: With standard rotors, 85 lbs.

PRICES

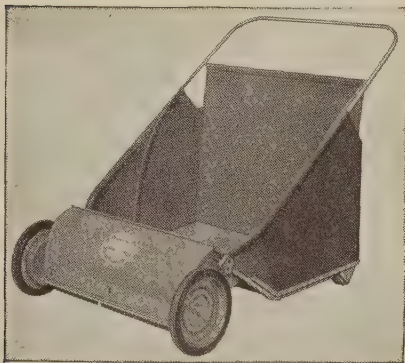
With Standard Rotors (12-inch)...\$169.50

With Double Rotors (24-inch)... 189.00

Extra Double Rotors 19.50

LAWN EQUIPMENT AND WHEELBARROWS

LAWN SWEEPERS—"Parker"



For homes, better parks, institutions, cemeteries, golf courses, estates, or any other place where beauty of grass is desired.

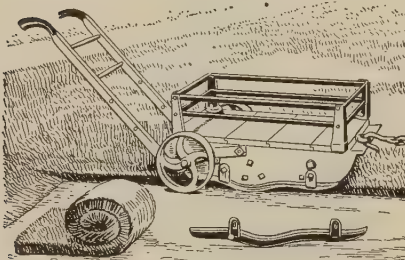
The brushes are made of tough, durable, Bassine Fibre, which is not affected by water. All with rubber tires. Brushes may be adjusted for close or light sweeping.

	Width	Shipping Wt.	Price
"Parkerette"	20"	36 lbs.	\$26.80
"Parkerette"	28"	40 lbs.	32.80

POWER LAWN SWEEPER—"Parker"

Sturdily made 28" width sweeper powered by a one h.p., 4-cycle gasoline engine. Catcher has a 7½-bushel capacity. Shipping wt., 120 lbs. Each\$148.45

SOD CUTTER—"Richmond"



The Richmond Sod Cutter is simple to operate. It cuts a strip of sod 14 inches wide of uniform thickness. Made for horse or tractor power only.

Hardwood Frame—Vanadium Steel Knives. Easily adjusted for cutting sod from 1" to 2½" thick.

Complete\$80.00

F.O.B. Richmond, Ind.

Weight approximately 100 lbs.

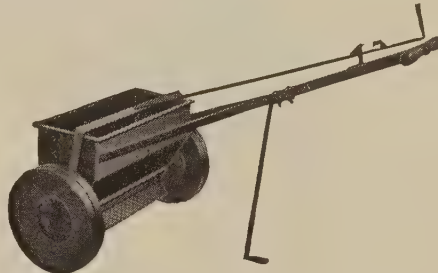
SOD LIFTER



Each\$4.25

FERTILIZER AND SEED DISTRIBUTORS—Masters

Gives even distribution of commercial fertilizers, grass seed or top dressing. Has shut-off control on handle.



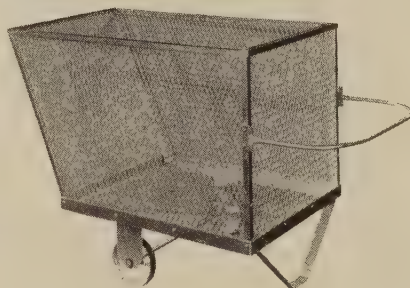
Heavy duty. Large, strong, steel disc wheels. Rubber-tired.

Model	Width	Capacity	Each	3 for
M-241-D	24 in.	65-75 lbs.	\$33.20	\$ 83.00
M-361-D	36 in.	100-120 lbs.	42.60	106.50

HOME LAWN DISTRIBUTOR — Rubber-tired. Tubular steel handles.

Model	Width	Capacity	Each	3 for
25-D	18 in.	20 lbs.	\$ 8.20	\$ 20.50
30	18 in.	50 lbs.	10.35	25.90

UTILITY GO-CART



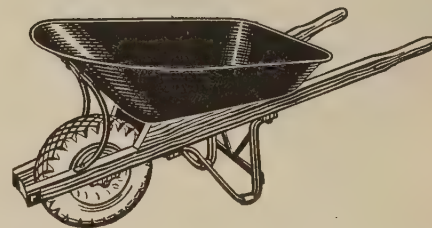
A sturdy multi-purpose cart for many uses around the greenhouse, farm, estate, park or cemetery.

- Burning Leaves — Garbage — Waste
- Refuse Catcher and Disposal
- Hauling and Transporting
- Tool Carrier
- Compost Making
- Fire Wood Storage
- Many Other Miscellaneous Uses

SPECIFICATIONS

CAPACITY—16 cu. ft. or (app. 13 bu.)
 SIZE—4 feet long—28" wide—28" deep
 WT.—85 lbs.—wheels, 10"
 MATERIAL—Welded angle iron with ¾ metal diamond mesh.
 Each\$39.95

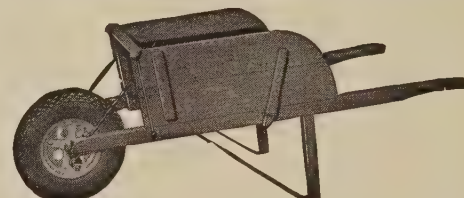
WHEELBARROW—Steel



Built for heavy work and constant use. Steel tray, 35x30 in. Capacity 4 cu. ft. Ball-bearing wheel with rubber tire. Hardwood handles.

Each\$25.50

GREENHOUSE WHEELBARROW



Sturdy wood barrow with removable sides. Narrow width for greenhouse aisles and walks. 19 inches wide at widest point. Ball-bearing wheels with pneumatic rubber tires.

Each\$26.75

HANDI-CART—Masters



For greater convenience around the home, garden or nursery. Rubber tired.

No. 18-S. Standard. Capacity 3 cu. ft.
 Each.....\$8.40 3 for.....\$21.00

No. 20-D. De Luxe. Capacity 3½ cu. ft.
 Each.....\$12.20 3 for.....\$30.50

RUBBER-TIRED WHEEL

Equip your wheelbarrow with these time-saving ball-bearing wheels with rubber tires. Sturdy cast metal wheels and low-pressure rubber tires, 16x4 in., with inner tubes. Maximum load, 450 lbs. Hub length 6 in. Axle diam. ⅝ in.

Each\$13.45



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

STAKES AND WIRE

CANE STAKES—Pencil Thickness

	Per 1000	Per Bale
1 1/2-ft. Green	\$ 3.50	\$ 6.00
2 -ft. Green	4.75	8.00
2 1/2-ft. Green	5.75	10.00
3 -ft. Green	7.50	13.00
3 1/2-ft. Green	9.50	16.50
4 -ft. Green	10.50	18.00
5 -ft. Natural	14.00	24.50
6 -ft. Natural	16.50	28.00

2000 to the bale.

TONKIN STAKES—Bamboo

Green

Medium-Heavy Size

Length	Diameter	
3 ft.	3/8" to 1/2".	Per bale of 500.....\$ 8.00
3 1/2 ft.	3/8" to 1/2".	Per bale of 500..... 8.50
4 ft.	3/8" to 1/2".	Per bale of 500..... 9.00
5 ft.	3/8" to 1/2".	Per bale of 500..... 12.00
6 ft.	3/8" to 1/2".	Per bale of 500..... 15.00

Heavy Size

Length	Diameter	
4 ft.	1/2" to 5/8".	Bale of 500.....\$17.50
5 ft.	1/2" to 5/8".	Bale of 500..... 24.00
6 ft.	1/2" to 5/8".	Bale of 500..... 26.50
7 ft.	1/2" to 5/8".	Bale of 500..... 29.75
8 ft.	1/2" to 5/8".	Bale of 500..... 33.00

Heavier Stakes

We also can supply stakes 5/8" to 3/4" or 3/4" to 1" in diameter. Write for quotation.

SPLIT BAMBOO STAKES

Green—Thin but Strong.

	Per 1000	Bale of 5000
12-inch	\$3.00	\$12.00
15-inch	3.50	14.00
18-inch	4.00	16.00
24-inch	6.00	24.00

HYACINTH STAKES

Pointed wood. Painted Green.

	Per 1000	Per 6000
12-inch	\$3.95	\$22.80
15-inch	4.35	25.20
18-inch	4.85	28.20

STAKE FASTENERS "Everlasting"

Packed 500 to box. Wt. 2 lbs.
1 to 9 boxes. Each.....\$1.95
10 boxes or more. Each. 1.85
Constructed of heavy galvanized iron wire. Can be used with either steel stakes or bamboo stakes.

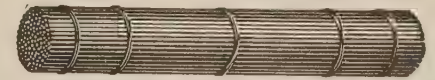


"Eureka"

Similar to above but lighter in weight. Packed 1,000 to box.

1 to 9 boxes. Each.....\$2.50
10 boxes or more. Each..... 2.40

GALVANIZED WIRE STAKES



		8 gauge	9 gauge
3-ft. Per 1000.....	\$23.10	\$19.95	
4-ft. Per 1000.....	30.80	26.25	
5-ft. Per 1000.....	38.95	32.90	
6-ft. Per 1000.....	45.90	39.45	
7-ft. Per 1000.....	53.50	45.95	
8-ft. Per 1000.....	61.00	52.60	

GALVANIZED BENCH WIRE

	Per 100 lbs.	Per 100 lbs.
12-gauge.....	\$13.40	16-gauge.....\$15.50
14-gauge.....	14.50	17-gauge..... 16.00
15-gauge.....	15.00	18-gauge..... 16.40

Minimum order, 50 lbs.

COTTON TWINE—3 or 4 Ply—White

Sack of 30 balls (5 lbs.).....\$5.25

THE NEW SNAP-ON SHELF BRACKETS

**Can be attached
or detached . . . Instantly!**

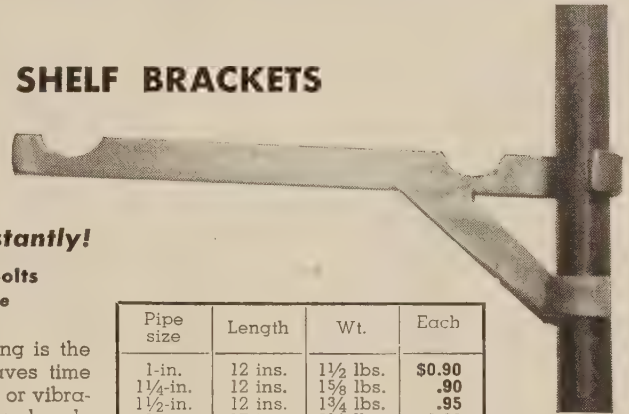
No Nuts, No Screws, No Bolts
*Unconditionally guaranteed for life
by the manufacturer.*

The simple snap-on method of fastening is the greatest step forward ever made. Saves time and labor. Under no amount of weight or vibration will this bracket slip. Made of unbreakable, malleable steel.

Shipped Immediately from Factory. Be sure to mention pipe size when ordering.

Pat. Applied For.

Pipe size	Length	Wt.	Each
1-in.	12 ins.	1 1/2 lbs.	\$0.90
1 1/4-in.	12 ins.	1 5/8 lbs.	.90
1 1/2-in.	12 ins.	1 3/4 lbs.	.95
2-in.	17 ins.	2 1/2 lbs.	1.10



STRING-KING WIRE WINDER

**MAKES YOUR TOUGHEST JOB EASY!
MAKES YOUR LONGEST JOB FAST!**

This precision reel wire winder, mounted on portable stand, will more than pay for itself in one season in time and man hours saved. Stringing wire over one floral bed is reduced from more than a two-hour job to just 20 minutes! Wire is kept straight; no more unkinking as you string or un-string wire. Turns one of the most disagreeable chores into speedy routine!

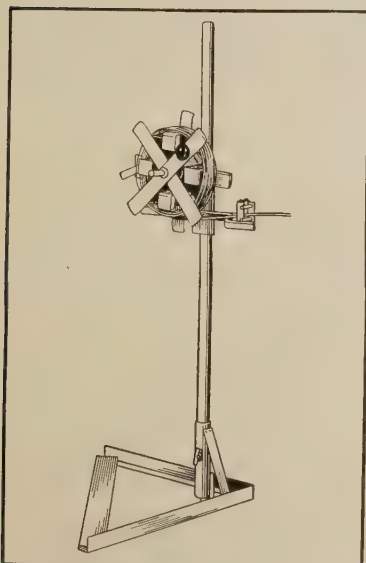
PORTABLE stand set at end of bench allows operator to advance length of bed with wire kept straight and true. Special spring brake insures proper unwinding of wire. Removable reel easily loaded with added wire for next row.

NO KINKS in wire keeps florist working as fast as he wishes. No more bruised fingers in straightening knots and twists as he proceeds along the bench. Wire is flat, ready to lay or tie. Reeling in, friction guide keeps wire taut—no backlash.

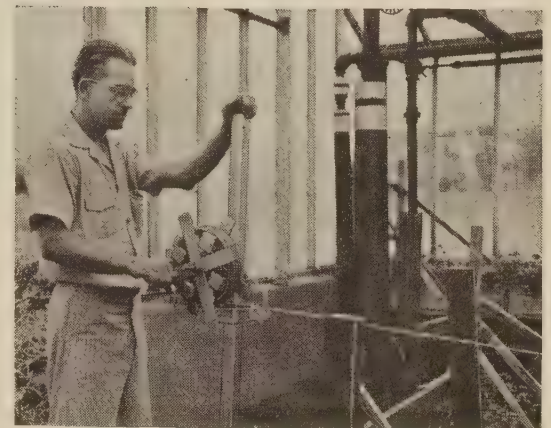
NEAT ROLLS of wire are assured every time for easy storage. The right size to use again and again—easily attached to disengage spool. Although readily portable, durable steel stand is built to endure years of rugged service.

WIRE WINDER, complete.....\$28.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



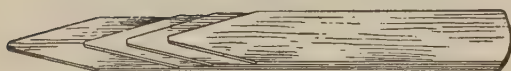
Rugged steel parts of reel assembly are light-weight, precision built, easy to disassemble in seconds' time.



LABELS AND PACKING MATERIALS

WOOD LABELS POT LABELS

5/8" Wide



Size	Pounds Per Carton	Prices per 1000	
		PLAIN	PAINTED
4-inch	3 1/2	\$2.75	\$3.30
5-inch	4 3/4	3.00	3.60
6-inch	5 1/2	3.30	4.05
8-inch	4	4.80	6.00
10-inch	5	5.80	7.10
12-inch	6	6.80	8.40

4", 5", 6", 1000 per carton; 8", 10", 12", 500 per carton. We do not break the cartons.

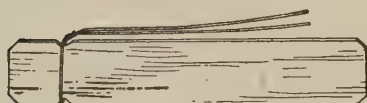
GARDEN LABELS

8", 10"—7/8" wide; 12"—1 1/8" wide.

Size	Pounds Per Carton	Number Per Carton	Prices per 1000	
			Plain	Painted
8-inch	2 3/4	250	\$ 7.30	\$ 8.50
10-inch	4	250	8.30	9.60
12-inch	2	100	14.00	16.00

We do not break the cartons.

TREE LABELS—Wired



Packed 1,000 to carton. Weight, 4 lbs., 3 1/2" x 5/8".

We do not break the cartons.

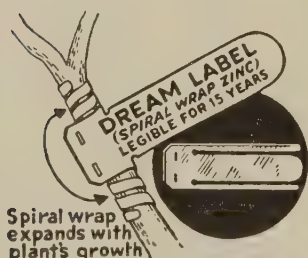
Plain—Per 1000\$3.40
Painted—Per 1000 4.10

LABELS—Celluloid—White Weatherproof—Wired

Packed 100 to a Box—Wt. 5 oz.

No. 515. 3" x 1 1/2". Per box of 100.....\$1.80
No. 2740. 3" x 1 1/2". Per box of 250..... 4.25

DREAM LABELS "ZINC"



A permanent zinc label that expands as the tree grows. Size 1 1/4" wide, 4" long. The acid etched name and full record of plant plainly legible for 15 years. Eliminates all chance of girdling. Ideal for roses, azaleas, trees, shrubs, etc. Makes a wonderful non-rusting label for pots and perennial beds. Each kit includes a bottle of etchant and an applicator.

Box of 50 labels.....\$ 1.75
Dozen boxes 14.00
Case of 1000 labels..... 16.00

TWISTEMS The Handy Plant Tie



Place 'Twist-ems' around stem and support

Twist ends between finger and thumb

In a "flash" stem is securely tied

		Per box	Per ctn. of 24 boxes
4-inch. Box of 200.....	25c	\$4.00	
8-inch. Box of 100.....	25c	4.00	
16-inch. Box of 100.....	50c	8.00	

BULK

	1,000	5,000	10,000	25,000
4-inch	\$0.95	\$ 4.60	\$ 8.90	\$21.00
8-inch	1.70	7.95	15.20	36.50
12-inch	2.55	11.90	22.90	54.75
16-inch	3.40	15.85	30.50	73.00

PLANT TIES—"Lightning" Wire



1000 to the box

Per box\$1.95

Shipping weight, per 1000, 2 lbs.

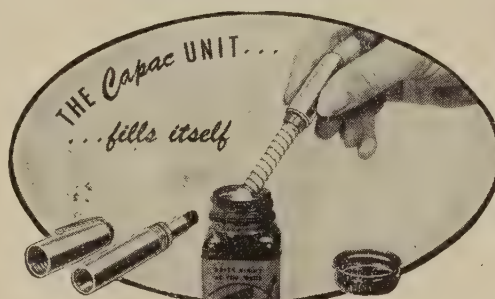
WEATHERPROOF PENCILS



For marking labels used outdoors. Will not rub off or fade.

Each 10c
Dozen.....90c Gross..... 9.00

SPEEDRY BRUSHPENS



Instant Drying . . . Will Not Smear . . .
Waterproof—Can Be Used On All Surfaces:
Wood, Paper, Cellophane, Cardboard.

Just the thing for marking wood labels or addressing shipping tags or cartons. Choice of nibs: Chisel, round or square. Fills by Capac (capillary action).

No. 57. Plastic Brushpen with Aluminum Barrel. Fountain pen size with clip. With 2-oz. ink.....\$2.95 Extra nibs.....\$.25

No. 56. All aluminum. Pocket size with clip. With 2 oz. ink....\$3.50 Extra nibs....\$.45

Jumbo. Oversized. All aluminum. Holds almost 2 oz. of ink. Without ink.\$3.25 Extra nibs \$.60

Black Speedry Ink

4 oz.....\$.95 8 oz.....\$1.75 16 oz....\$2.95

Magic Marker

A throw-away bottle of Speedry Ink with built-in felt tip designed to permit ready, permanent marking on any surface. Each.....69c
Refills25c

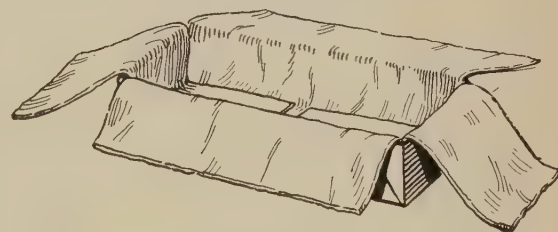
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GARDENIA BOXES

Especially made for commercial gardenia growers. Made of heavy cardboard, WELL WATERPROOFED. Standard size, 21x7x3 1/2 inches. Full telescope.

Per 100\$11.80

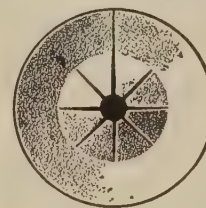
COTTON SHEETING For Gardenia Boxes



Cut to fit boxes 21" x 7" x 3 1/2"—The standard size Gardenia box. One set to a box.

Per bale of 500 Sets..\$43.50 10 bales.\$415.00

GARDENIA COLLARS



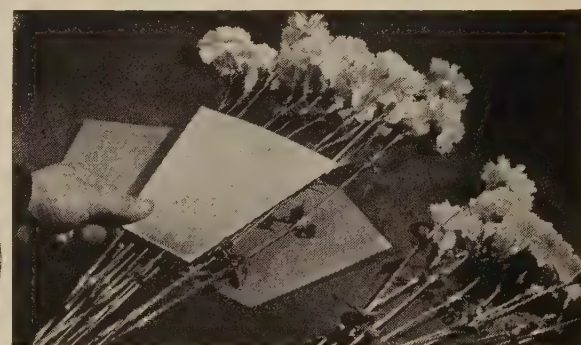
CARDBOARD

Per 100..... 25c
Per 1000.....\$2.15

FOR BELMONT

Per 100..... 30c
Per 1000.....\$2.45

CARNATION PACKS



Your Carnations deserve proper packing

Sold only in original cartons of a full 1000.
1,000.....\$ 32.50 5,000.....\$ 152.50
10,000..... 285.00 50,000..... 1287.50

Printing

Printing in one color on face of holder \$3.75 per thousand extra. In amounts of 10,000 or more, one color printing free. (Please state clearly Name, Address, etc., to be used.)

CARNATION STAPLES

For sewing splits.

Packages of 1,000..... 40c
3 Packages\$1.05



TAG FASTENERS—Wire



For fastening tags to bags, bales, etc.

Packed 1,000 to a box.
Each\$1.50

Weight per box, 3 lbs.

A. F. S. Plant Bands

Grow All Your Plants, Seeds, and Cuttings This Modern Way

This modern method of culture saves time and labor, and assures the highest yield in cut flowers, potted plants, perennials, nursery stock, etc. Saves losses at transplanting time by avoiding a check to root systems. **Buy now for immediate use and for stock on hand.**

STAPLED WOOD PLANT BANDS



Sturdy plant bands made of cottonwood, securely fastened with two wire staples for quick setup.

Size in inches	Per 1000	Size in inches	Per 1000
1 1/4 x 1 1/4 x 2 1/2	\$4.50	2 1/2 x 2 1/2 x 3	\$5.20
2 x 2 x 2 1/2	4.60	3 x 3 x 3	5.60
2 x 2 x 3	4.90	3 x 3 x 4	5.80
2 1/4 x 2 1/4 x 2 1/2	4.80	4 x 4 x 3	5.90
2 1/2 x 2 1/2 x 2 1/2	4.90	4 x 4 x 4	6.80

Shipped promptly from the factory in Illinois.

"Easi-Off" WOOD PLANT BANDS



Saves time and labor. Bands are removed without cutting; therefore, the dirt ball and roots are not disturbed. . . .

"EASI-OFF PLANT BANDS hold nearly three times as much soil as the equivalent sizes in clay pots, allowing a longer growing time without bound roots.

Cat.	Size in inches	Weight per 1000	Per 1000
No. M-310	1 1/4 x 1 1/4 x 2 1/2	12 lbs.	\$3.75
No. M-320	2 x 2 x 2 1/2	15 lbs.	4.10
No. M-340	2 1/2 x 2 1/2 x 3	20 lbs.	4.50
No. M-350	3 x 3 x 3	21 lbs.	4.80
No. M-360	3 x 3 x 4	32 lbs.	4.95
No. M-391	4 x 4 x 4	40 lbs.	5.60

Shipped promptly from the factory in Michigan.

BIRD Plant Bands

Vita-Band D

THE NEW Disintegrating VITA-BAND HEALTHIER CROPS . . . LESS LABOR

Contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band D when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

Vita-Band 10

For short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band D except Vita-Band 10 is removed at time of transplant. Vita-Band D is not.

PLANT BANDS	PRICE PER 1000—SIZES IN INCHES							
	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
VITA-BAND D	*\$3.75	*\$4.05	*\$4.55	*\$5.20	*\$5.95	\$6.90	\$9.10	\$11.45
VITA-BAND 10	* 3.60	* 3.90	* 4.40	* 4.90	* 5.85	6.75	† 8.85	†11.10

IMPORTANT: *—These sizes packed 2000 to a case.

†—These sizes packed 500 to a case.

Other sizes, 1000 to a case.

WE SHIP IN CASE LOTS ONLY.

F.O.B. CHICAGO, or EAST WALPOLE, MASS.

NOTE: Quantity Discounts allowed on any items listed on this page:
50,000 or over 5%, 200,000 or over 10%.

LIGHT WOOD FLATS

For handling and shipping all sizes of Plant Bands.

Per 100

M-370; holds twelve 1 1/4-inch Bands	\$2.95
M-390; holds twelve 2-inch Bands	3.20
M-392; holds twelve 2 1/2-inch Bands	4.20
M-393; holds six 3-inch Bands	3.90
M-394; holds six 4-inch Bands	4.80

Shipped promptly from the factory in Michigan.

BIRD Tom Thumb FLATS



Made of heavy water-proof fiber resinous material. Use with Vita-Bands. The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

No. 1 for 1 doz. 1 1/4-in. Bands.

No. 2 for 1 doz. 2-in. Bands.

Tom Thumb Flats Per 1000	Combination 1000 Flats 12,000 Vita-Band D Per 1000 Sets		Combination 1000 Flats 12,000 Vita-Band 10 Per 1000 Sets	
	Size No. 1	Size No. 2	Size No. 1	Size No. 2
	\$44.70	\$49.60	\$88.50	\$99.20
			\$86.45	\$95.65

Sold in Units of 250 Sets Only.

CONTAINERS AND POTS

IRON HORSE VASES

Galvanized



Style	Top Diam.	Height	Each	Dozen
No. 57.....	5"	5"	Not available	
No. 58.....	5½"	6"	Not available	
No. 59.....	6½"	7"	\$0.90	\$10.20
No. 65.....	7½"	8"	1.10	12.00
No. 66.....	9"	10"	1.45	16.20
No. 67.....	9"	11½"	Not available	
No. 68.....	9"	12½"	1.70	18.60
No. 68-B.....	9"	15½"	1.80	19.20
No. 69.....	9"	18"	1.90	21.30
No. 70.....	9"	23½"	Not available	
No. 253.....	4¾"	10"	1.00	11.40
No. 254.....	5½"	11"	1.10	12.00
No. 255.....	6½"	12"	1.20	13.20
No. 256.....	6½"	13½"	1.30	14.40
No. 257.....	6½"	15"	Not available	
No. 258.....	6½"	17"	1.50	16.80
No. 425.....	9"	7"	Not available	
No. 426.....	10"	8½"	1.50	16.80
No. 430.....	11½"	11¾"	Not available	
No. 431.....	11½"	13¾"	1.95	22.40

Vibra-Seeder

**SOWS SEEDS
EVENLY, QUICKLY
AND ECONOMICALLY**



A battery-operated flower and vegetable seeder for commercial and home gardens—fits palm of hand—will sow row or flat in fraction of time normally required—operating cost one flashlight battery per season. A real time, labor and seed saver. Just press the button and move the seeder along the row. Seeds—either very fine, medium or heavy—will be laid down just where you want them—close together or widely spread.

VIBRA-SEEDER. Without battery.

Each\$ 1.95

Dozen 15.60

Flashlight Battery.

Each\$ 0.12

Dozen 1.20

PALM TUBS



Strongly constructed of wood and held rigid with three steel wire straps. Painted green.

Size	Each	Dozen
7-inch	\$1.15	\$12.60
8-inch	1.25	13.80
9-inch	1.40	15.60
10-inch	1.60	17.40
12-inch	2.10	23.40
14-inch	2.90	32.40
16-inch	3.50	39.60

WIRE PLANT STANDS

Sturdily constructed of green wire. Top dimensions, 9" x 11".

Size	Each	Size	Each
12"	\$1.30	36"	\$2.30
18"	1.50	42"	2.80
24"	1.90	48"	3.20
30"	2.10	54"	3.75

BIRD PAPER POTS



VITA-POTS: Grow and ship in the same pot—saves labor and leaves root ball undisturbed. Nutrient treatment, so successful in Vita-Bands, has now been applied to this sturdy resinous pot. Reduces watering.

RED POTS: For shipping only. Not recommended for growing. Lightweight and sturdily made to protect root ball from breakage—inner wax coating prevents drying out. A must to preserve the top quality of your plants in transit.

Prices per 1000

Size	Vita-Pots	Red Pots
2 -inch	\$14.00	\$ 8.60
2¼-inch	14.30	8.60
2½-inch	14.85	8.70
3 -inch	16.40	9.15
3½-inch	21.60	12.20
4 -inch	24.35	14.70
5 -inch	31.85	18.15
6 -inch	41.70	22.25

F.O.B. Chicago, or East Walpole, Mass.

SAUCERS—Rubber—"Plantrays"



Used under
Jardinières and
Vases as well as
Flower Pots.

	Each	Per doz.
No. 1—Takes up to 6" pot....	\$0.25	\$ 2.40
No. 2—Takes up to 8" pot....	.50	4.80
No. 3—Takes up to 10" pot....	1.00	9.60
No. 4—Takes up to 12" tub....	1.95	19.20

HOTKAPS

HOTKAPS—patented paper hothouses—completely protect plants from destructive frosts, storms, insects. Ripen crops weeks earlier; increase yield 18% to 51%. Maintain perfect mulch. One man can set 2000 per day. Millions used by growers every season.

Per carton of 1,000.....\$15.50
Steel Hotkap Setter. Each..... 1.40



PANSY BASKETS

One-quart, two-quart or three-quart size. Shipping wts. per 100:

	100	500	1000
1 Quart.....	\$3.15	\$15.00	\$28.00
2 Quart.....	3.50	17.00	32.00
3 Quart.....	3.90	18.00	34.00



SELF-IRRIGATING WINDOW BOX



Attractively and sturdily constructed of steel, finished in pale green, which blends handsomely with plants. Designed to permit entry of water at plant roots. Supported to prevent moisture condensation on sill.

Length, 27". Width, 5¼". Height, 6".

No. 500. Carton of 6.....\$12.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TWINE, TAPE AND STAPLERS

TWINES ON CONES Sea Island Twine

Green only. 2-lb cone. Put up on cones. Finest quality.

Per cone\$ 2.75
10 cones 26.50

Cable Cord Twine

Green, white, or red.

A hard twine similar to Sea Island but thinner, harder, and stronger . . . therefore, greater yardage.

Green, White.
1 1/2 lb. cone.....\$2.00
White only.
2 1/2-lb. cone 2.65



Parcel Post Twine

Similar to Sea Island but much heavier. Made especially for wrapping florist packages. Dark Green. Put up on cones. Very strong. 1-lb. cone.

Per cone\$1.50



Cone Holders

Each\$0.85

HEAVY TWINE

Sisal, 2-ply, medium.
10-lb. ball.....\$5.75 50-lb. reel...\$25.00
Jute, medium.
10-lb. ball.....\$6.50 50-lb. reel...\$30.00

COTTON TWINE—3 or 4 Ply—White

Sack of 30 balls (5 lbs.).....\$5.25

FLORIST THREAD

AMISCO. Very high grade. 2 1/2-lb. box of 12 wooden spools. Per box. \$3.35
10 boxes 32.00

BIG CHIEF. On wooden spools. A new 2-ply rayon green thread of proper strength with much greater yardage per spool. 1-lb. box of 8 spools.

Per box\$ 2.00
10 boxes for..... 19.00

NEW BEST-YET

On Wooden Spools

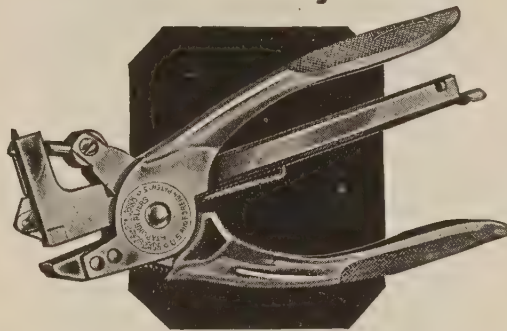
1-lb. box of 8 spools.
Per box\$ 2.10
10 boxes for..... 20.00



CORSAGE THREAD.

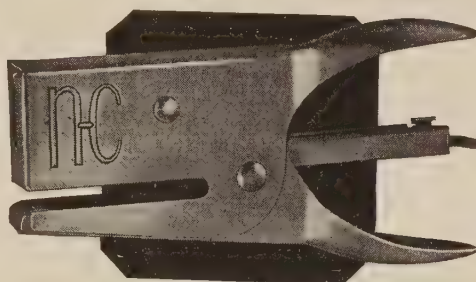
Box of 12 spools.....\$2.25

STAPLERS Neva-Clog



Model S100—Standard Plier

Model S-100—Standard\$4.50
Model B-100—Heavy duty 4.75



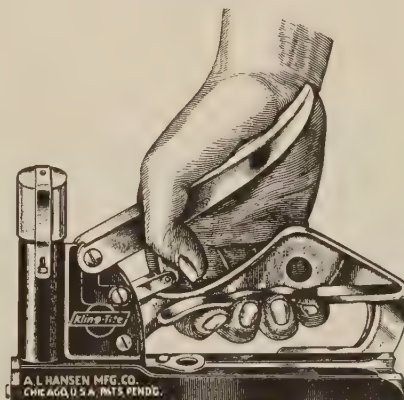
Model J-30—Lightweight.

Model J-30—Lightweight\$3.75

Staples—Neva-Clog

No. A-1000—Standard. For S-100 Plier.
Per box 10M.....\$3.50
No. L-1000—Extra Long. For S-100 Plier.
Per box 10M..... 3.50
No. B-3/8—Standard. For B-100 Plier.
Per box 5M..... 2.50
No. DJ-340—Standard. For J-30 Plier.
Per box 5M..... 1.50

AUTOMATIC TACKER "HANSEN"



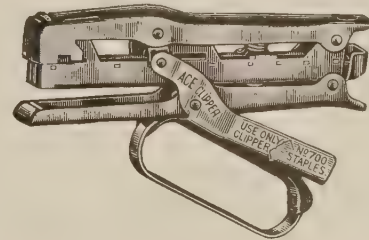
One-Hand Operation—Zip! Zip! Fast as you grip—with one hand—Kling-Tite drives Tack-Points. Leaves other hand free for holding object tacked. Result—rapid, accurate, neatly-finished tacking.

Model T-3 Tacker.....\$10.00

Tack-Point. 5000 to box.

No. 33. 3/16-inch. Box..... 2.00
No. 34. 1/4-inch. Box..... 2.00

STAPLING PLIER—"Ace Clipper"



The deep throat, efficiency, and large staple capacity has made these staplers very popular.

No. 702. Each.....\$3.95

Staples: 5,000 per box—210 per strip.

Per box.....\$1.00 5 boxes.....\$4.50
20 boxes\$15.00

STAPLING PLIER—"Arrow"



New modern design. Entire working mechanism easily removed to clean or eliminate jammed staples.

No. P-22. Each.....\$4.65

Arrow Staples. Box of 5,000..... 1.00
5 boxes 4.50

CORRUGATED BOX STAPLES

Per box of 1,000.....\$0.90
Staple Driver. Each..... .75

"BULLDOG" COIN CLIPS

Per box of 1,000.....\$0.75
10 or more boxes. Each..... .65



SCOTCH CELLOPHANE TAPE



Always ready—No water used

Dispenser—Heavy duty. Each.....\$2.50
Weight 8 lbs.

Tape—Transparent—2 rolls to a Box. 1/2 inch width.

Per box of 2 rolls.....\$3.02
3 boxes (6 rolls)..... 8.16

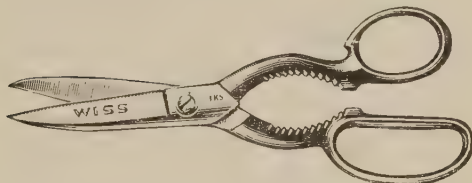
PRINTED CELLOPHANE TAPE

For A.F.S. Flora-Ad Tape imprinted with your name and address see insert inside back cover of catalog.

CORONA CLIPPER

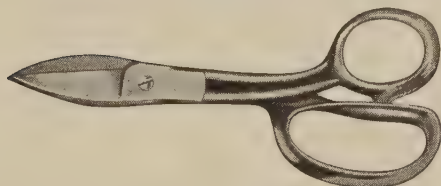
A very handy workroom shear. New, heavy duty style especially designed for the florist.

No. 21-S. Straight blade.
Each.....\$1.75 Dozen.....\$18.00
No. 21-C. Curved blade.
Each.....\$1.95 Dozen.....\$19.60

UTILITY SHEARS

Serrated blade. Ideal for cutting wire, rope, twine, ribbon, flower stems, etc.

No. 1-KS. Each.....\$2.25

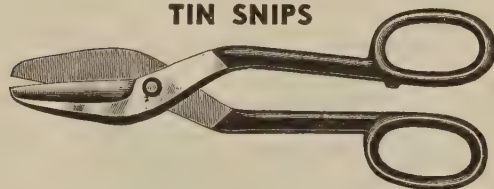
FLORIST SHEARS**"COMPTON"**

Heavy blades. Powerful leverage. A very handy, all-around workroom shears. 7½ inches overall.

No. 833U. Straight Edge.....\$2.50
No. 834SU. Serrated Edge..... 2.75

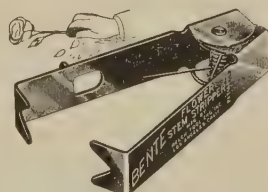
PINKING SHEARS

Aluminum body. Each.....\$7.95

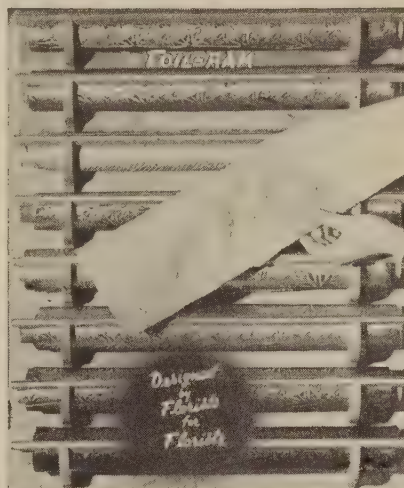
TIN SNIPS

For cutting florist wire, galvanized wire, chicken netting, etc.

No. 111. 7½" overall. Each.....\$2.45
No. 11. 9" overall. Each..... 3.00
No. V13. 7" overall. Duckbill type. Each 1.00

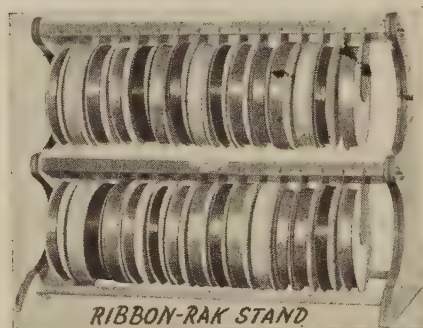
**BENTE
STEM
STRIPPER**

Dethorns roses, and removes excess leaves from all types of stems in one quick operation. A great labor saver. Each.....\$2.00

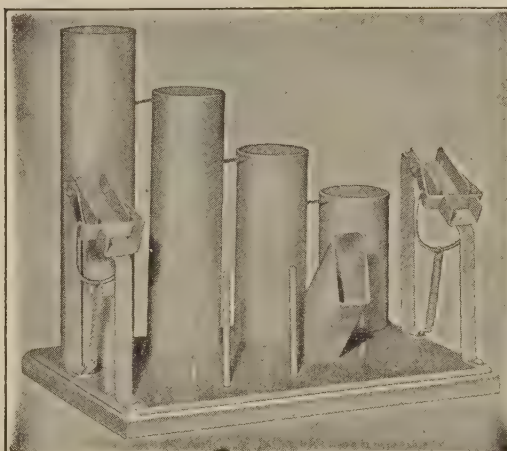
FOIL RACK

Made of beautifully finished select blond hardwood veneer. Serrated metal edge for each roll cuts foil or cellophane into desired size. Eliminates time and material loss by replacing the use of scissors, knives and free-hand tearing. Converts waste wall space into profitable storage space.

Price\$7.95

RIBBON RACK STAND

Made of finished select blond hardwood. Ribbons are suspended on detachable neutral gray metal separators. Its flexibility permits ribbons to be unreeled or removed without disturbing other ribbons. Holds all standard size and width ribbons, up to 30 reels per stand. Price\$6.95
RIBBON-RAK SET for installation on wall space or underside of shelving.....\$4.95

UTILITY HOLDER

4 tubes for wires, 2 clamps for wired picks, 2 poles for spools of thread and a holder for workroom shears. Each.....\$5.50

FLORIST CARDS**THE JOHN HENRY LINE**

6258

Consist of: Sympathy Cards, Holiday Cards, Birthdays, Speedy Recovery, Congratulations, Greetings, Mother and Baby—in fact, a card for every need.

100..... 70c 500.....\$ 3.35
1000.....\$4.95 5000..... 22.50

PACKED: In packets of 50 of one style in a glassine envelope. This assures cleanliness and economy.

Special assortments for your convenience:

No. 1—500 Christmas Cards—Assorted.
No. 2—500 Mother's Day Cards—Assorted.
No. 3—500 Easter Cards—Assorted.
No. 4—500 Sympathy Cards—Assorted.
No. 5—500 Everyday Cards—Assorted.

PLAIN CARDS

Finest Quality of Cardboard. Your Pen Will Not Scratch. The Ink Will Not Smudge.

Per box of 500—Wt. 2 lbs.....\$ 1.80
1000.....\$2.55 5000..... 11.00

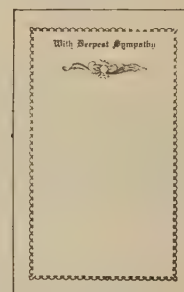
LARGE SYMPATHY CARDS

Size: 3" x 5".

High quality, steel-engraved, paneled cards.

50 cards and 50 glassine envelopes.

Per box\$1.50

**WHITE ENVELOPES**

Size of Envelopes 2¼" x 3¾".

PLAIN—Per box of 500.....\$ 2.00
1000.....\$3.15 5000..... 14.75

GLASSINE ENVELOPES

2½" x 4¼" with metal eyelet.

Box of 500.....\$4.00

CELLOPHANE ENVELOPES

2½" x 4¼" with metal eyelet.

Box of 500.....\$6.50 1000.....\$10.50

WINDOW TAG ENVELOPE

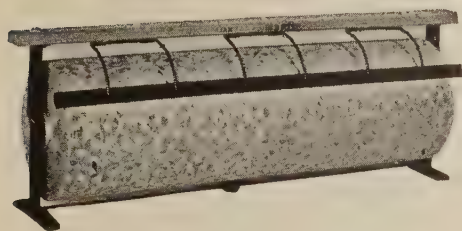
White envelopes with cellophane window and space for address.

With eyelet. 3" x 4½". Box of 500.....\$ 7.75
1000.....\$11.10 5000..... 53.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PAPER AND BOXES

WRAPPING PAPER



Our Own Pattern Wrapping Paper

"Mother of Pearl"

	Green
24-inch roll	\$ 8.75
30-inch roll	10.75
36-inch roll	13.00

PAPER CUTTERS

Width—24" Width—30" Width—36"	
Per cutter, complete	\$3.85

GUMMED TAPE—Brown

Finest quality available. It really sticks. 3" wide. Per roll.....\$1.40 10 rolls.....\$13.50

MOTHER-OF-PEARL

WRAPPING PAPER, CUT FLOWER BOXES AND CORSAGE BOXES CUT FLOWER AND DESIGN BOXES

"Mother-of-Pearl" Jade Green

	50	100
24 x 5 x 3½ inch.....	\$ 6.30	\$12.40
30 x 5 x 3½ inch.....	7.80	15.40
36 x 6 x 4 inch.....	11.20	22.10
24 x 8 x 5 inch.....	9.60	19.00
28 x 8 x 5 inch.....	10.55	20.80
36 x 8 x 5 inch.....	13.55	26.80
30 x 12 x 6 inch.....	16.60	32.90
36 x 12 x 6 inch.....	20.75	41.20
30 x 14 x 8 inch.....	23.40	46.50
36 x 14 x 8 inch.....	29.80	49.30

50 complete boxes of one size wrapped in a package. We do not break packages.

A.F.S. FLORA-AD WRAPPING PAPER

Imprinted with Your Name

Have your own advertising printed every 12 inches on this exclusive design floral wrapping paper. You may order as few as six rolls of assorted sizes. For details see special insert inside front and back cover of this catalog.



CORSAGE BOXES

"Mother-of-Pearl" Jade Green

	50	100
8 x 5 x 4 inch.....	\$3.85	\$ 7.50
12 x 5 x 4 inch.....	4.55	8.90
10 x 6 x 5½ inch.....	5.60	11.00
12 x 8 x 5½ inch.....	6.85	13.50

PRINTING

Cut Flower Boxes and Corsage Boxes may be imprinted with your name, address, telephone number, and F.T.D. or T.D.S. emblem or your own trade mark. Send for samples of type and colors.

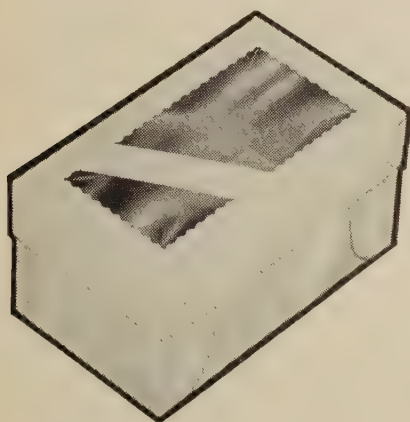
Per 1000 boxes, any size.....\$4.50
(Minimum printing charge, \$4.50)

TRANSPARENT CORSAGE BOXES



Nest of three sizes: 12"x8¼"x6", 10½"x7"x5" and 7¼"x5¼"x4".
Per nest.....\$1.60 Dozen nests.....\$18.86

TRANSPARENT TOP BOXES



Excellent quality white cardboard boxes with cellophane window in top.

Size	50	100
9x5x4 inch	\$5.90	\$11.50
12x5x4 inch	6.50	12.50
10x6x5½ inch	7.90	15.00

WATERPROOF CREPE PAPER



Colors: White, light pink, rose pink, Nile green, grass green, moss green, French blue, Mexican blue, red, yellow, purple, lavender.

20" wide. Per roll of 10 ft.....\$.45
Case of 50 rolls.....21.00

FLORIST FOIL

Satin Sheen, Polka Dot, or Grape Leaf. Colored on one side, silver on the other. Best quality. 20 inches wide. Colors: Nile green, medium green, chartreuse, pink, gold, orchid, fuchsia, dark blue, sky blue, copper, red, violet, silver. 50-foot rolls.

	Each	Dozen
Satin Sheen	\$1.40	\$16.20
Polka Dot	1.50	17.40
Grape Leaf	1.50	17.40

WHITE TISSUE

Very finest grade white glazed. 11-lb. basis tissue.

480 count reams. Per ream. Each.....\$ 3.60
Per bundle of 10 reams.....35.00

WAX TISSUES

Finest quality. 10-lb. basis. Waxed Tissues. Sheets 24"x36". 480 count reams.

WHITE. Per ream.....	\$ 3.75
5 reams for.....	18.25
GREEN. Per ream.....	3.75
5 reams for.....	18.25

CELLOPHANE ROLLS

Clear moisture-proof cellophane.

Length	Width	Width
50-ft. rolls: 20".....	\$.85	40".....\$1.70
100-ft. rolls: 20".....	1.35	40".....2.70



CELLOPHANE BAGS

CONSERVETTES. Lace-printed cellophane corsage bags.

	Per 100	Per 1000
No. 1—6 x 4 x 14¼ ins.....	\$3.25	\$31.50
No. 2—5 x 3¼ x 13½ ins.....	2.50	24.00

CLEAR CELLOPHANE BAGS

	Per 100	Per 1000
Large. 5" x 5" x 14¼"....	\$3.10	\$28.85
Medium. 6" x 3½" x 13" ..	2.25	21.25
Small. 4" x 2¾" x 9"	1.20	11.25
1-lb. 3½" x 2¼" x 7¾"....	.95	9.00

BEAUTY CORSAGE BAGS

Moisture-proof lace corsage bags with colored cardboard backs.

	Per 100	Per 1000
No. 1-B—5" x 3½" x 15¼"....	\$4.45	\$42.00
No. 2-B—4½" x 2¾" x 13½"....	4.10	38.30
No. 3-B—4½" x 2¾" x 11"	3.15	29.40
No. 4-B—4" x 2¾" x 9"	2.60	24.90

SHREDDED CELLOPHANE

Clear, makes fine packing for orchids, etc.

Per lb.....60c 5-lb. ctn.....\$2.75

SHREDDED WAX TISSUE

WHITE. 10 lb. ctn.....\$3.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WEDDING AND CORSAGE SUPPLIES

CORSAGE PINS

"Aura"



Round pearl-head, 2-inch white or assorted.
Per gross.....\$0.80 10 gross.....\$7.50
2½" White or assorted. Per gross.....\$0.80

"Boulevard"



Pear-shaped head. Pearl, 2-inch. White or
assorted colors.
Per gross.....\$0.95 10 gross.....\$9.00

BOUTONNIERE PINS

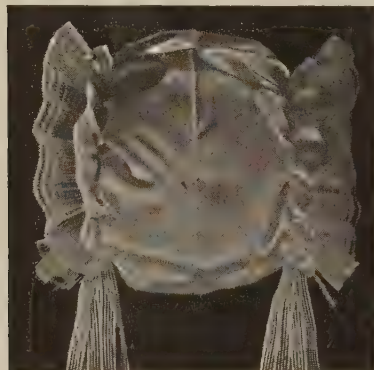
White pearl, 1½ inch.
Per gross.....\$0.80 10 gross.....\$7.50

BANK PINS

No. 1, 2, or 3. Per ½ lb. box.....\$0.75

CORSAGE FEATHERS

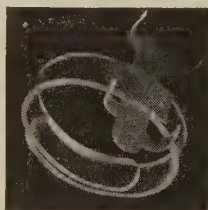
Heavy plumage. Uniform size. 25 of one color
packed in a neat glassine bag. Colors: White,
pink, orchid, pale blue, Nile green, yellow.
Per 25.....\$0.90 Per 100.....\$3.25



MUFF. White satin, without streamers.
Each.....\$2.40



PARASOL. Satin and lace. 15" overall. White.
Each.....\$2.25
AISLE CLOTH. White duck, 36" wide. Hemmed.
50 ft.....\$16.00 75 ft.....\$22.75
100 ft.....30.00 150 ft.....42.75



KABER KLIPS

Make Fastening Difficult
Corsages Easy

Plastic bands with
metal fingers
to hold corsage.

WRIST KLIPS. Box of 12.....\$1.10
HAIR KLIPS. Box of 36.....1.35
HEADBAND KLIPS. Box of 10.....2.00
BARE SHOULDER KLIPS. Box of 10.....2.50
PRAYER BOOK KLIPS. Box of 12.....1.10

CORSAGE SHIELDS

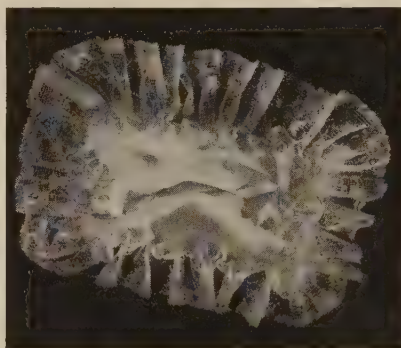
SHOULDER or WRIST—Specify which.
Plain Sateen. Per dozen.....\$1.00

FANCY CHIFFON WRIST SHIELDS

Per dozen.....\$2.10

SAFETY CORSAGE BUCKLES

Packed 50 to a box.
Per box.....\$1.75

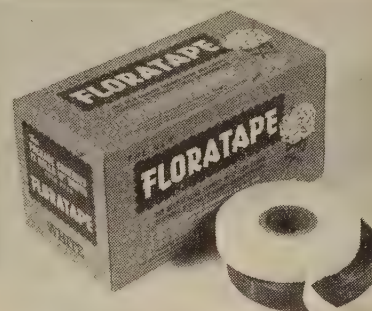


RING BEARER PILLOWS. White satin, 8"x10".
Lace edge.
Each.....\$1.60



SATIN FAN. White. 12" overall.....\$1.65
LACE FAN. White. 12" overall.....2.00
BRIDAL PRAYER BOOK. Roman Catholic Mis-
sal, complete. Beautiful white Mother of Pearl
binding with leaves edged in gold and em-
bossed with floral design. Fine paper Cover
6" x 3".
Each. (Retail list \$7.50).....\$5.00

FLORATAPE



White, Green, or Orchid. Put up on ½-inch
rolls. Two rolls are wrapped into a twin pack-
age. Per twin package.....\$0.35
Per box of 6 twin packages.....1.95

PARAFILM

Unexcelled as an attractive and stainproof stem
wrap; unusually flexible, self-sealing and
waterproof.

Colors: White, medium Green, Metallic Green,
Fuchsia, pale Orchid and Gold. Each roll 90
feet long, ½ inch wide.

Per twin package.....\$0.40
Box of 6 twin packages.....2.35

CHENILLE—All Colors Regular Chenille

Purple, Orchid, White, Green, Red, Yellow,
Blue. 12-yard skeins. Each.....75c

Corsage Stems

Chenille in 12-inch lengths. Colors: White,
pink, yellow, gold, light blue, orchid, purple,
Nile green, moss green, chartreuse, better
times, red, or assorted.

Per 100.....\$0.65 Per 1000.....\$6.00

GLITTER STEMS

Tinsel stems, 12 inches long. Colors: Silver,
gold, red, green, light blue, aqua, orchid, bet-
ter times.

Per 100.....\$1.25 Per 1000.....\$11.75

BOUQUET HOLDERS

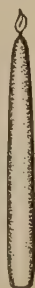
Used as background for Colonial Bouquets and
Corsages. Two styles: Lace paper. White only.
Cellophane. Colors: White, Pink, Yellow, Blue,
Nile, Orchid.

Inside Meas.	Outside Meas.	Lace Paper Per doz.	Cello- phane Per doz.
1½"	3¾"	\$0.50	\$0.55
2"	4½"	.60	.70
2½"	5½"	.70	.95
3"	7¼"	.80	1.10
3½"	8"	.85	1.20
4"	8¾"	.95	1.45
4½"	9¾"	1.05	1.70
5"	11¼"	1.40	2.25
6"	13"	1.75	2.60

CANDLES—Hand Dipped

Will not drip or wilt. Colors: White, Old
Ivory, Pink, Blue, Peach, Yellow, Red
and Xmas Green.

	Per dozen	Per gross
10-inch	\$0.85	\$ 9.60
12-inch	1.00	11.40
14½-inch	1.20	13.80
18-inch	1.40	15.85



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

CUT FLOWER PRESERVATIVES



"CONSUMER" 10c Size

25 2-qt. packets.....\$ 1.25
100 2-qt. packets..... 5.00

Printed Packages

Imprinted with your name, address and phone number.

500.....\$25.00 1000.....\$40.00

BULK FLORALIFE

30-qt. size (\$1 retail seller)..... 60c
100-qt. size (\$3 retail seller).....\$ 1.75
250-qt. drum (10 lbs. net)..... 4.00
500-qt. drum (20 lbs. net)..... 7.50
1000-qt. drum (40 lbs. net)..... 13.50
2000-qt. drum (80 lbs. net)..... 25.00

CEMETERY VASES



Removable Wire Stems

Well made with removable wire prongs, painted green.

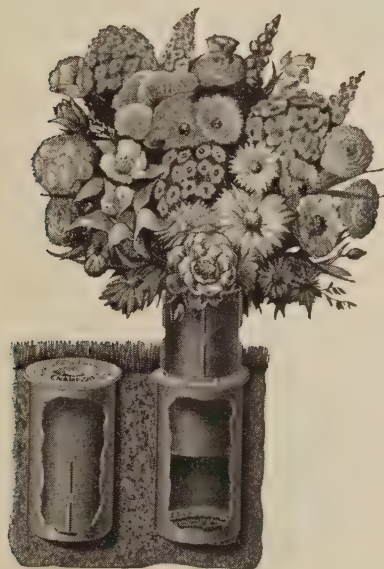
Medium size, 6¾-inch depth. 4-inch top diameter.

No. 2A

Per dozen \$ 1.75
Per gross 19.80

Large size, 8-inch depth, 4½-inch top diameter.
No. 3A. Per dozen..\$2.50 Per gross...\$27.00

CEMETERY BOUQUET HOLDERS



A cemetery vase that can be leveled flush with the ground when not in use. Adjustable to 3 heights. 4½" x 8". Green enameled. Cannot upset. Per dozen.....\$11.00

BLOOMLIFE WITH HORMONES

(SPECIAL FORMULA)

GOOD FOR ALL CUT FLOWERS



BLOOMLIFE

Cut flowers will last 2 to 5 days longer if you send a package with each order.

10c size enough to make 2 qts.

25 Pkgs.....\$1.25
100 Pkgs..... 5.00

Printed Packets

Imprinted with your name, address and phone number.

300\$15.00
1000 40.00

"BULK" Sizes—Commercial

50-qt. size. Each.....\$ 1.00
100-qt. size. Each..... 1.75
200-qt. size. Each..... 3.25
500-qt. size. Each..... 7.50
1000-qt. size. Each..... 13.50
2000-qt. size. Each..... 25.00



SPRAY-O-NAMEL

Enamel paint in handy aerosol dispenser. Just press button and spray. For retouching old baskets and pottery, and for decorating foliages, etc. Colors: White,

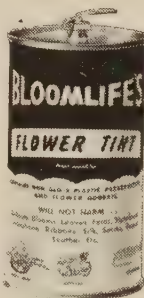
green, red, silver, gold, yellow, blue, black, pink, orchid, ivory, and clear plastic.

12-oz. can.....\$1.25 Dozen.....\$14.40

BLOOMLIFE'S FLOWER TINT

No-rinse dye in easy-to-use spray cans. Ideal for tinting arrangements, corsages, Styrofoam and faded window silks and backgrounds. Will not harm delicate blooms, ferns or display materials. Colors: Red, Blue, Green, Pink, Yellow, Wine, Slate-tone, Browntone, Orangetone, Violet, Fuchsia and Char-treuse.

Per 12-oz. spray can....\$1.85



FLORADYE

Immersion dye. Just dip, rinse and dry. In a matter of seconds flowers are thoroughly dyed whatever color you desire.

Colors: Pink, Light Pink, Yellow, Golden-Yellow, Joanna Hill, Orange, Blue, Light Blue, Aqua, Green, Nile-Green, Lavender, Violet, Purple, Fuchsia, Red.

8 oz.....\$1.00 Qt.....\$2.50

BLOOMTINT—Liquid

Absorption dye. Per package.....60c
Colors: Blue, Red, Pink, Orange, Yellow, Violet, Lavender, St. Patrick's Day Green.

STICK QUICK CEMENT

Ideal for securing fresh cut flowers to ribbons, malines, and most other materials. For use with fans, hair arrangements, and novelties, and for fastening ribbons and tapes to wires and stems.

3-oz. bottle or tube.....60c

Aladdin

Vitalizer for

Cut Flowers and Plants

Amazing Scientific Discovery

Prolongs life up to 30 days

Larger florets—less dropping

Brighter colors

Larger heads

Less waste

Slime-free containers

Wonderful for plants

You won't believe what it does for cuttings

Works in high or low temperatures

CONSUMER 25c SIZE

24 pkts Display.....\$ 2.40
288 pkts. 28.80
1000 pkts. 90.00
5000 pkts. 425.00

BULK ALADDIN

34-gal. size\$ 3.00
112-gal. drum 9.50
187-gal. drum 15.00
375-gal. drum 29.00
562-gal. drum 42.00

Glass Sparkle

Ground glass in beautiful, sparkling colors: Silver, gold, red, blue, green, black. Use for writing names on ribbon with STICK QUICK CEMENT, or sprinkle on flowers or foliages after dipping or spraying with PLANT GLAZE. 4-oz. bottle.....\$0.60 ¼-lb.....\$1.15

FLORAWAX

Florawax protects your set pieces against wilt. A transparent material, the consistency of milk. Just dip flowers and greens into Florawax and let dry for 15 minutes. Or make up in usual manner and then spray on; quick clean, easy. Works like magic. Set pieces stay crisp and beautiful! (Full directions and details on label.)

1 gallon ...\$2.50 5 gallon drums...\$10.00

PLANT GLAZE

A transparent plastic wax that helps prevent wilting due to dehydration, adds beautiful luster to blooms and leaves. Use for set pieces, designs, corsages, ferns and leaves. Will not discolor or destroy flower fragrance. Dip, spray, or wipe on.

Quart.....\$1.00 Gallon.....\$2.50



Floraglow

for POTTED PLANTS

Gives leaves an amazingly beautiful luster. Just spray or dab on leaves once a month.

Leaves become greener, glisten and sparkle. Discourages insects, makes plants thrive. TWO-WAY PROFIT: (1) Increase your sale of potted plants by dressing them up with Floraglow. (2) Sell Floraglow for use in the home. 6 oz. (50c seller) Ctn. of 24.....\$ 6.50
Spray top for above (18c). Ctn. of 24... 3.00
Qt. (\$1.40 seller). Ctn. of 12..... 10.10
Spray top for above (20c). Ctn. of 12.... 1.70
Gallon (for Florists' use). Each..... 2.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SUPPLIES FOR THE FLOWER SHOP

GOLD LETTERS and NUMBERS

A to Z. 1 to 9.

25 of a letter to the package.

100 letters, 4 pkgs.

Per 100 letters..... 20c

Per 1,000 letters.....\$1.80

Compartment Boxes
for Gold Letters

A Black Box, 14 inches square and 2½ inches deep, with 36 compartments to hold A to Z in letters and 1 to 10 in numbers.
Each\$1.10

GOLD SCRIPT—Words

10 of a word to the package.

10 packages per 100 words.

Per package (10 words)..... 15c

Per 10 packages (100 words).....\$ 1.40

Per 100 packages (1,000 words)..... 12.00

LODGE EMBLEMS—Gold Paper

Square and Compass, Elks, Eastern Star, Knights of Columbus, Kiwanis, Rotary.

Packed: 10 of a kind to a package.

Per Pkg.....50c 10 pkgs.....\$4.50

Size: Fits nicely on a 5-inch ribbon.

SILVER AND GOLD
ANNIVERSARY EMBLEMS

A number 25 or 50 surrounded by a floral wreath cut from heavy Silver or Gold paper. 2-inch diameter.

25 emblems for.....60c

Large size, 5-inch. Each.....20c

CLOCK DIALS

Purple background. White letters and hands.

7-inch diameter20c

9½-inch diameter40c

UNWIRED PICKS—Green

3"—Box of 1,000..... 50c

3½"—Case of 20,000.....\$7.35

4"—Box of 4,000..... 2.40

4½"—Case of 10,000..... 5.40

6"—Box of 3,000..... 2.40

6½"—Case of 10,000..... 7.45

WIRED PICKS

2½" White. Box of 10,000.....\$ 4.30

2½" White. Case of 50,000..... 20.95

3" Green. Box of 8,000..... 5.95

3" Green. Case of 40,000..... 27.95

4" Green. Box of 4,500..... 5.45

4" Green. Case of 10,000..... 10.75

6" Green. Box of 3,000..... 4.30

6" Green. Case of 10,000..... 13.95

TOOTHPICKS—World's Fair

Natural, double-pointed round.

Box of 1,000.....30c 24 boxes.....\$6.00

AFS—HEADQUARTERS
FOR FLORIST WIRE

Finest quality—Soft annealed—Clean and straight as an arrow. In 12-lb. boxes, packed six to the case. Cut 18 inches.

BRIGHT ANNEALED

Cut 18 inches

Gauge	Per box	Case of 4 boxes
16	\$1.90	\$ 7.40
18	2.10	8.20
19	2.20	8.60
20	2.30	9.00
21	2.40	9.40
22	2.50	9.80
24	2.90	11.40
26	3.30	13.00
28	4.00	15.80
30	4.25	16.80

STONE WIRE



Wire, soft annealed, 12-lb. stones.

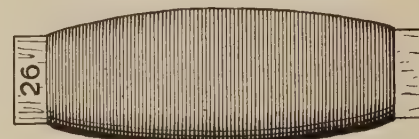
Gauge	Per stone	Gauge	Per stone
18	\$2.15	23	\$2.60
19	2.20	24	2.65
20	2.25	25	2.80
21	2.35	26	3.00
22	2.50		

GREEN ENAMELED

Cut 18 inches

Gauge	Per box	Case of 6 boxes
18	\$3.40	\$20.10
19	3.50	20.70
20	3.65	21.60
21	3.75	22.20
22	3.90	23.10
24	4.50	26.40
26	5.50	32.40
30	6.85	40.50

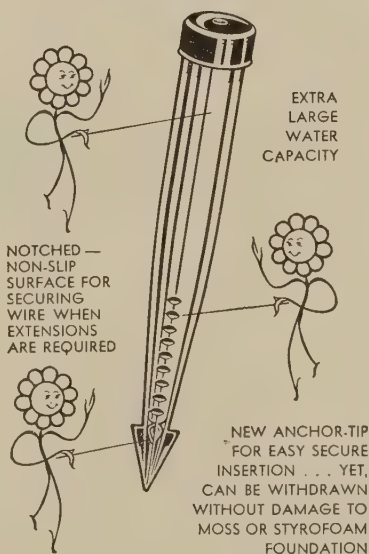
STICK WIRE—Malin's



Soft, bright annealed. ¼-lb. sticks.

Gauge	Per stick	Per box of 20 sticks
22	\$0.15	\$2.10
24	.20	2.50
26	.25	2.80
28	.30	3.40
30	.35	3.80
34	.45	4.80
36	.50	6.00

AQUAPICS

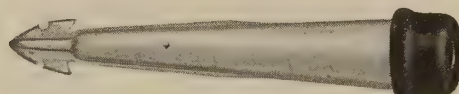
EXTRA
LARGE
WATER
CAPACITYNOTCHED —
NON-SLIP
SURFACE FOR
SECURING
WIRE WHEN
EXTENSIONS
ARE REQUIREDNEW ANCHOR-TIP
FOR EASY SECURE
INSERTION... YET,
CAN BE WITHDRAWN
WITHOUT DAMAGE TO
MOSS OR STYROFOAM
FOUNDATION

The new "400" Aquapic is 4 inches long and has Anchor-Tip. The corsage size is 2" long and has a straight tip.

No. 400. Per 100....\$2.25 Per 1000....\$20.00

Corsage. Per 110... 2.25 Per 1100.... 20.00

WATER TUBE PICKS—"Madon"

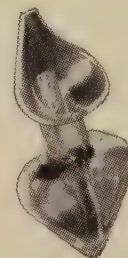


Barbed at point to hold firm in the moss. 3½ inches overall.

Per 100.....\$2.25 Per 1000.....\$21.50

PLASTIC AQUAPIN

THE "SWEETHEART" of LAPEL BUBBLE VASES
Beautiful Heart-shape design. Non-breakable crystal clear plastic. Flat back—"No Bobble"—stays put.



Aquapin holds ample supply of water to prolong beauty and crisp freshness of the most perishable flowers. Three colors: clear, orchid or green.

Per box of 6 doz.....\$ 6.50

Per gross 12.00

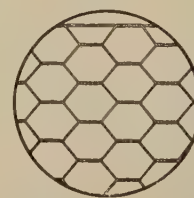
ORCHID HOLDER

Glass tube that fastens to wall or glass with suction cup.

Per dozen\$2.00



CHICKEN WIRE



For design work and centerpieces. Galvanized 20 gauge wire, 1-inch mesh, 150 ft. rolls.

Width	Shipping Wt.	Per Roll
12-inch	17 lbs.	\$ 3.10
18-inch	24 lbs.	4.45
24-inch	30 lbs.	5.60
36-inch	43 lbs.	8.20
48-inch	56 lbs.	10.60

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

SUPPLIES FOR THE DESIGNER

HANGING BASKETS

These are made of strong wire, sturdily built for long service, painted green.

Measure diameter of largest ring.

	Each
10 inch	40c
12 inch	50c
14 inch	60c
16 inch	80c



WREATH ROLLS—3-inch

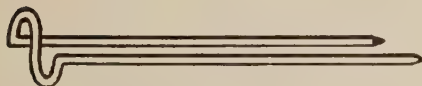


Green.

Wax paper rolls, for wrapping mossed wreaths and designs. Full sized rolls. Fresh stock. Will not stick together. Packed 12 rolls to the box.

Per box\$3.50

"PHILLY" FERN PINS



Greening Pins.

10-lb. carton\$3.50

SPRAY HANGERS—"James"

Very strong hooks. For hanging up or arranging Sprays, Wreaths, etc. The Florists' and Undertakers' Friend.

Per doz.....75c 4 dozen.....\$2.00

DOVES



Beautiful, pure white birds.

Medium. Green label. Each.....\$2.50

Extra Large. Blue label. Each..... 3.00

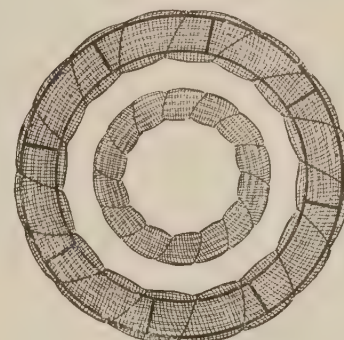
Small. Japanese. Each..... 1.50

Artificial Storks, 9-inch. Per dozen..... 2.35

MOSS FILLED WREATHS AND DESIGNS

Save Time in Making Up Sprays and Wreaths

Machine made mass filled nets, filled with finest grade of dry Sphagnum Moss. Always ready to use.



Spray Bars

Length	Each	Length	Each
12" x 3 1/2".....	25c	24" x 4 1/2".....	67c
16" x 3 1/2".....	33c	24" x 6".....	82c
18" x 3 1/2".....	39c	30" x 6".....	93c
20" x 3 1/2".....	43c	36" x 6".....	\$1.06

Crosses

Size	Each	Size	Each
18".....	71c	24".....	99c
20".....	79c	27".....	\$1.11
22".....	88c	30".....	1.29

Wreaths

Size	Each	Size	Each
10".....	35c	20".....	76c
12".....	41c	22".....	83c
14".....	49c	24".....	94c
16".....	58c	27".....	\$1.18
18".....	66c	30".....	1.50

STYROFOAM BLOCKS

Sensational snow-white plastic. Can be cut with knife to size desired for centerpiece work or for design framework. 36x12x2 inches.

1 Bar..\$1.40 6 Bars..\$8.25 20 Bars..\$27.00

SNO-PAK

Revolutionary new floral base. Saves wire, picks, labor. Replaces old-fashioned dry spray-bars, mossed wreaths, and flower frogs. For floral pieces, sprays, baskets, vases, centerpieces, etc. SNO-PAK locks the water in its cells, holds flower stems in a cool, moist grip. (To use, soak SNO-PAK in plain water or in FLORALIFE solution.)

Case of 24 Bricks.....\$11.42

Jumbo Case of 48 Bricks..... 20.38

"TERRALITE" VERMICULITE

For Better Floral Arrangements

An ideal material to use in vases and centerpieces. Just fill container with Terralite, saturate with water, pour off excess, and insert flowers. The Terralite will hold the stems firmly in position and retain moisture for days. Costs only 2c or 3c for the average size arrangement.

**Clean, Economical, Time-Saving—
No Water Spillage.**

4 cu. ft. bag.....\$1.45 10 bags.....\$14.00

GREEN WIRE EASELS

Size	10	Bundle of 50	100
21"	\$1.35	\$ 6.37	\$12.00
24"	1.50	7.00	13.50
27"	1.80	8.40	16.00
30"	2.10	9.80	18.50
36"	2.65	12.25	23.50
42"	4.50	21.00	40.00
48"	6.00	28.00	53.50

WHITE WOOD EASELS

Packed one dozen to package. We do not break packages.

Size	Dozen	Size	Dozen
36".....	\$6.50	54".....	\$ 8.20
42".....	6.90	60".....	9.00
48".....	7.40	66".....	11.90

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

WIRE WREATH FRAMES

	Per 25	Per 50	Per 100
10"	\$2.25	\$ 4.20	\$ 8.00
12"	2.75	5.10	9.75
14"	3.25	6.00	11.25
16"	3.50	6.50	12.50
18"	5.00	9.10	17.50
20"	6.25	11.50	22.00
22"	7.50	14.00	26.75
24"	9.25	17.50	33.50

WIRE CASKET PLAQUES

Size	Bundle of 10	Size	Bundle of 10
12"	\$3.60	30"	\$5.00
18"	4.00	36"	6.00
24"	4.50		

SPHAGNUM MOSS



Carefully selected. Finest quality. Free from sticks and other refuse. Gathered from the finest swamps.

Full size bales. Approximately 48" x 16" x 14".
Weight, per bale, approximately 20 to 22 lbs.
Per bale.....\$2.75 10 bales.....\$26.50

SHEET MOSS

Available in late spring only. Large sheets.
Large bale\$4.50

GREEN BURLAP

For making casket covers. 36 inches wide.
Per yard\$ 0.65
Bolt of 50 yards..... 30.00

ARTIFICIAL FLOWERS AND PREPARED FOLIAGES

ASPARAGUS FERN—Prepared

Per 10 sprays.....\$0.75
Per 100 sprays..... 6.50

CATTAILS—Natural

Pencil thickness. Per 100.....\$ 1.65
Per 1000 15.00

DIAMOND FLOWERS



Tiny miniature straw flowers.

Flowers approximately 1/4 inch diameter.

12 Beautiful Colors:

White	Red	Light Pink
Yellow	Autumn	Dark Pink
Green	Orange	Light Blue
Lavender	Fuchsia	Dark Blue

Each bunch contains one color only.
Per 1-oz. bunch\$0.25
Per lb. 3.00

ERIANTHUS PLUMES

Assorted colors. Box of 50.....\$2.95

COLORED GYPSOPHILA

Beautiful colors: Pink, Cerise, Red, Lt. Blue, Dark Blue, Yellow, Orange, Purple, Lt. Green, Chartreuse. Per bunch.....\$ 1.50
Per case of 10 bunches..... 13.50

LYCOPodium—Green

10 lbs.\$3.40 25 lbs.\$ 8.00
100 lbs. 29.50

PEPPERGRASS

Colors: Silver, red, green, pink-white, orchid-white, green-white, pink-blue, white-yellow, red-white.
Per lb.....\$0.90 Per 10 lb. carton.....\$8.00

STATICE—Wisconsin

White, per lb.\$0.95 5 lbs.\$3.75

VIOLETS Celluloid Imported

Purple, red or white.
Per gross\$1.25

VIOLET LEAVES Celluloid

Per gross.....\$1.25

LILY OF THE VALLEY

Very natural. Imported.
Per gross\$1.50



APPLE BLOSSOMS Celluloid

Colors: White, pink, yellow, red.

Per gross of a color\$1.50

CALLA LILIES—Celluloid

White or yellow. Box of 50.....\$2.75

EASTER LILIES—Celluloid

White. Box of 50.....\$3.00

CAMELIAS—Celluloid

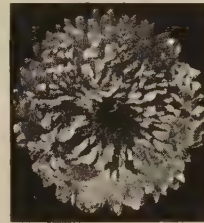
Colors: White, pink, white-lavender, white-pink, red.

Per 100 of a color.....\$5.75

CARNATIONS Wax or Celluloid

Colors: White, light pink, dark pink, yellow, talisman, or red.

Wax.
Per 100 of a color\$3.50
Celluloid.
Per 100 of a color\$4.50



DAISIES Celluloid

Colors: White, pink, yellow.

Per gross of a color\$1.50



ORCHIDS—Celluloid

Large. White, orchid-fuchsia.
Per 50 of a color.....\$3.00

PRIMROSE—Celluloid

Colors: White, pink.
Per gross of a color.....\$2.25

ROSES—Wax or Celluloid

Colors: White, light pink, dark pink, red, yellow, talisman.

Wax.
Per 100 of a color.....\$3.75
Celluloid. Large. No. 4.
Per 100 of a color.....\$4.50
Medium. No. 5.
Per gross of a color.....\$2.75

JUNE ROSE

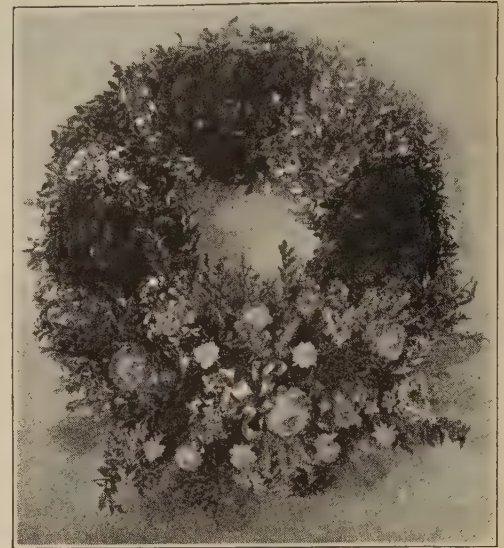
Per gross of a color.....\$1.65



SWEET PEAS—Celluloid

Colors: White, pink, lavender, red, white-lavender, white-pink.
Per gross of a color.....\$1.50

ARTIFICIAL WREATHS



Assorted colors.

18-inch. Each\$ 2.75
Per carton of 6 15.90
20-inch. Each 3.65
Per carton of 6 21.00
24-inch. Each 4.50

GREEN PAINTED CYCAS LEAVES

Per 100
8 to 12 ins.....\$ 5.00
12 to 16 ins..... 6.35
16 to 20 ins..... 7.50
20 to 24 ins..... 9.00
24 to 28 ins..... 11.50
28 to 32 ins..... 13.50

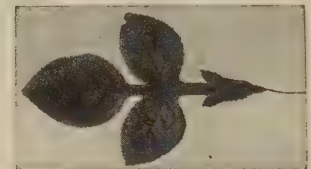
GALAX LEAVES—Celluloid

Colors: White, white-green, green.
Per gross\$1.25

MAPLE LEAVES—Celluloid

Colors: White, white-green.
Per gross\$1.25

ROSE LEAVES



Natural Green. Per gross.....\$1.25
Silver. Per gross..... 1.50
Gold. Per gross..... 1.75

MAGNOLIA LEAVES

Red, brown or green.
Per 6-lb. carton.....\$2.50

NEPTUNE MOSS

Amazing feathery, green plant that lives everlastingly without soil or water. Ideal for small planters.
Dozen bunches\$5.00

WHEAT

Natural. 1-lb. bunch.....\$2.00
Colored. 1-lb. bunch..... 2.75

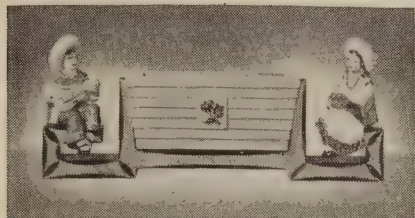
GRASS MATS—Raffia

Green. Finest quality. 56 row sewing. 36 inches wide. 72 inches long. Each.....\$4.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GENE FREEDMAN PLANTERS

Highly styled planter creations made of a heavy thermoplastic that simulates the appearance of fine sculptured woods such as ebony.



Planter and Nic-Nac Stand. 17" long, 4½" high. Colors: Black, red or chartreuse. Figurines: Oriental, Mexican or Dutch boy and girl.
No. 6001. Complete\$3.75



Fluted planter box, 15" long, 4" high. Colors: Black, red, or forest green.
No. 6006. Each\$1.60

PLASTIC PLANTER



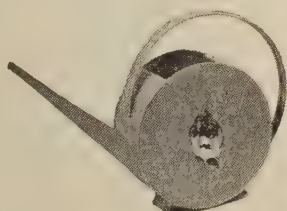
Slim, trim, colorful plastic interior window box with sub-irrigating feature. 9" long. Assorted colors. Ctn. of 36.....\$10.80



FLOWER BEAUTY BOWLS

Small marine bowls that hold real or artificial flowers in water-filled globe. Available filled with assorted artificial flowers or empty.
3" with flowers. Dozen .. \$ 7.20
4" with flowers. Dozen .. 10.80
3" empty. Ctn. of 24..... 9.00

DECORATIVE WATERING POTS



A practical and handsome household aid for watering indoor plants, or as a container for bouquets and plants.

No. 101. 1-qt. size. Carton of 12.....\$12.00
No. 102. 2-qt. size. Carton of 12..... 16.20

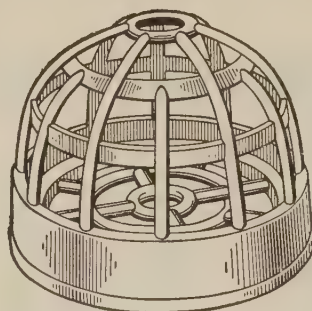
FLOWER HOLDERS

DOME TYPE ROUND

No. 31. 1¾".
Each \$.25
Dozen 2.10

No. 32. 2½".
Each \$.55
Dozen 4.50

No. 33. 3¾".
Each \$.65
Dozen 6.00



PIN TYPE ROUND

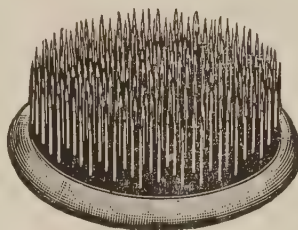
No. 11 — 1½".
Each ...\$.25
Dozen ... 2.10

No. 12 — 2¼".
Each ...\$.40
Dozen ... 3.60

No. 13 — 3".

Each.....65c Dozen.....\$6.00

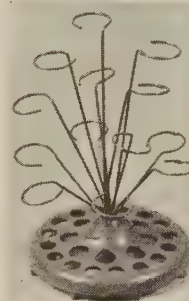
Oval. No. 73—1¾" x 3½".
Each.....55c Dozen.....\$4.50



DISPLAY ASSORTMENTS

No. 401. Includes 6 No. 11, 4 No. 12, 2 No. 13
Per set\$3.50
No. 403. Includes 5 No. 31, 4 No. 32, 3 No. 33.
Per set\$4.00

ART-FLEX FLOWER HOLDER



A new type flower holder that enables one to arrange the most difficult centerpieces with the greatest of ease. The wire loops can be bent in any direction to achieve the design you want.

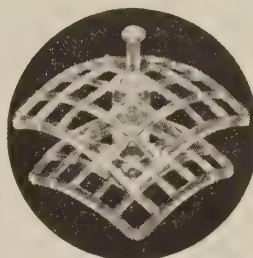
Base is 3¼" in diam. Overall height, 5". Painted green.

Each 40c
Dozen\$3.60

FLOWER FASHIONER

Crystal clear plastic, 3"x3". Attractive and practical. Suction cup on end of plunger holds to bottom or side of container.

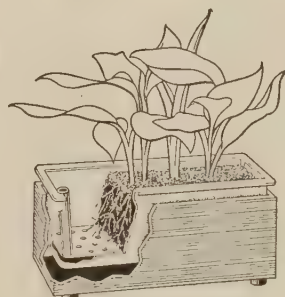
Each\$0.60
Dozen\$6.00



PLASTITE FLORAL CLAY

No. 205. For securely fastening flower holders and containers.

Carton of 24 pkgs.....\$1.20



Cutaway showing sub-irrigating feature.



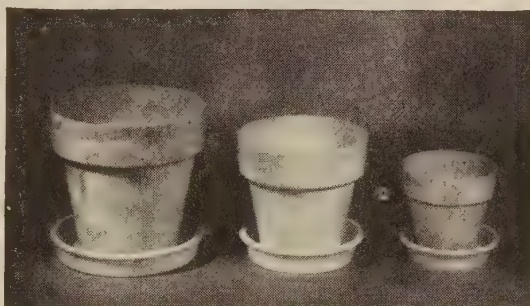
Very attractive planters with sub-irrigating plastic liner that carries water directly to roots. Ideal for African Violets as well as all other house plants.

Outer case of beautiful combed wood in pastel colors: Grey, yellow, chartreuse, green, light blue, dark blue, white.

Available in three sizes designed to fit most interior window ledges.

	Each	Dozen
No. 1-A. 9" x 3" x 2½"	\$1.10	\$12.00
No. 2-A. 18" x 3" x 2½"	1.90	21.00
No. 3-A. 27" x 3" x 2½"	2.75	30.00

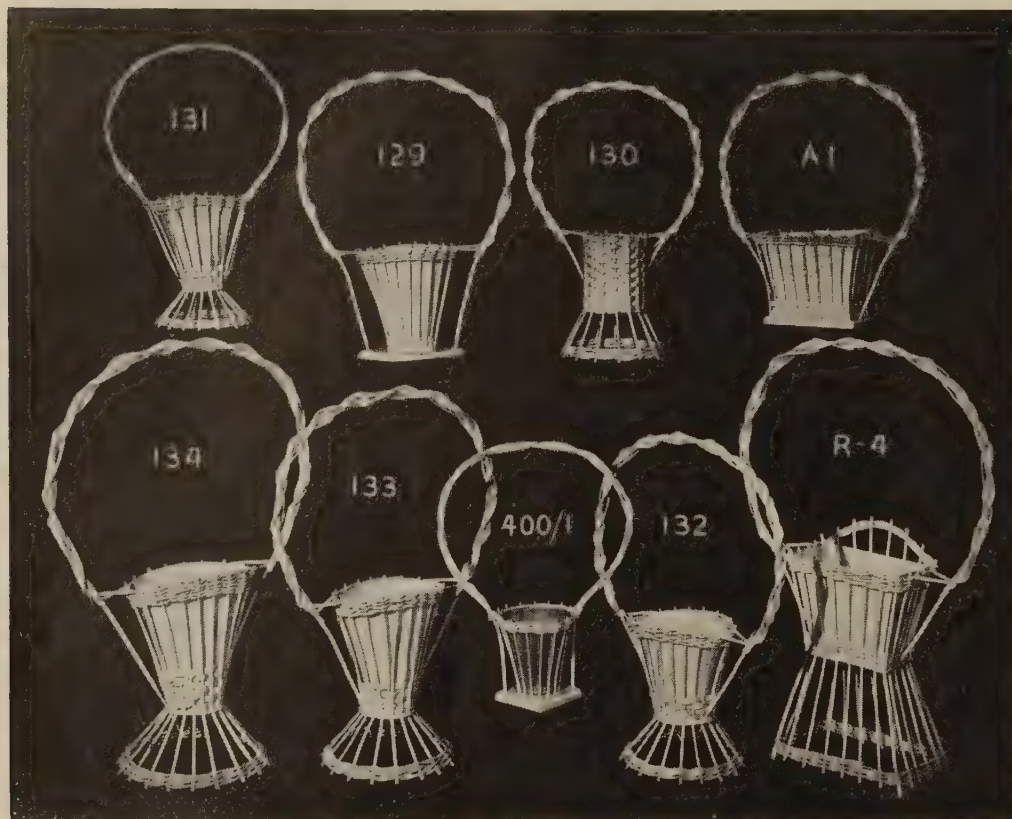
FLORETTE—The Flower Pot of Beauty and Utility



3½-inch. (30c retail). Carton of 3 dozen.....\$7.20
4¾-inch. (50c retail). Carton of 2 dozen..... 8.00
5¾-inch. (90c retail). Carton of 1 dozen..... 7.20

The new flower pot that will not warp or rot and whose color and luster are permanent; complete with saucer. May be used as a jacket to hold clay flowerpot or separately as a flowerpot by easily punching out water drainage blank in the bottom. FLORETTE comes in four striking colors—onyx green, yellow, ivory and red; and in three standard sizes, having top diameters of 3½", 4¾" and 5¾". Made of strong, beautiful plastic that is light in weight, non-fragile; washable and odorless.

FLOWER BASKETS FOR EVERY NEED



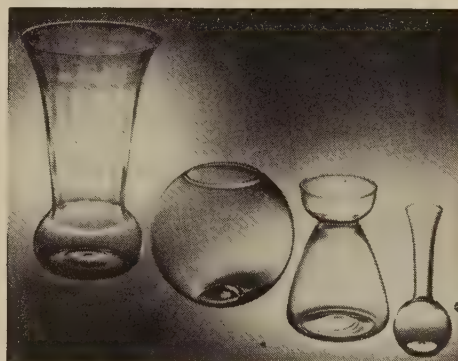
Model	Height of Body	Height Overall	Price, Each
No. 400/1	8 inches	24 inches	\$1.00
No. A-1	10 inches	27 inches	2.00
No. 129	13 inches	30 inches	2.10
No. 130	13 inches	30 inches	1.80
No. 131	14 inches	30 inches	1.95
No. 132	14 inches	30 inches	2.00
No. 133	16 inches	35 inches	2.25
No. 134	18 inches	39 inches	2.75
No. R-4	24 inches	40 inches	3.50

"AMERICAN BEAUTY" VASES



36 inches overall. Each	\$6.25
42 inches overall. Each	7.00
48 inches overall. Each	8.00
54 inches overall. Each	9.00

GLASSWARE



Vase, No. 693-10. 8" high, 4 7/8" diam. Crystal.	
Carton of 12	\$ 6.30
Amber, Blue, or Iridescent. Carton of 12.	8.10
Ruby Red. Carton of 12.	10.50
Rose Bowl, No. 695-4. 4 1/4" diam.	
Crystal. Carton of 36.	9.00
Amber, Blue, or Iridescent. Carton of 36.	13.50
Ruby Red. Carton of 36	18.00
Hyacinth Glass, No. 717. 6" high, 4" diam.	
Crystal. Carton of 36	9.90
Amber, Blue, or Iridescent. Carton of 36.	13.50
Bud Vase, No. 601-8. 8" high, 3" diam.	
Crystal. Carton of 36	9.00
Amber, Blue, or Iridescent. Carton of 36.	13.50
Ruby Red. Carton of 36	18.00

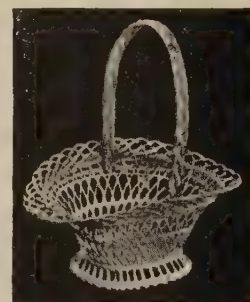
PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HANDY HANDLES



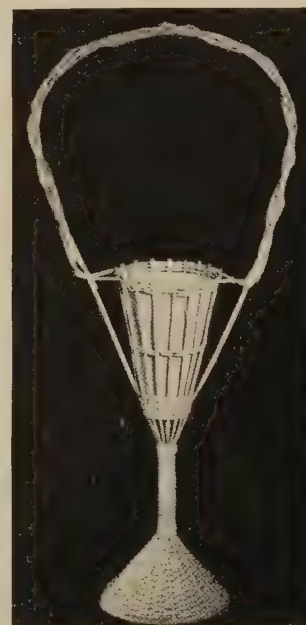
Fits any flower pot with a bulldog grip. All white wire. 17 inches high.
 Bundle of 10.....\$3.60 50 for.....\$17.50
 100 for 34.00

"FLOWER GIRL" BASKETS



A very dainty petal basket. Made of white reed.
 Small. Each...\$1.00
 Medium. Each. 1.10
 Large. Each... 1.20

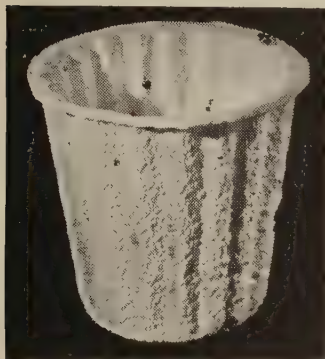
CHRYSANTHEMUM SPECIAL



A high stand basket that will give a few Mums or Gladiolus a massive appearance. Height overall, 52 inches. Depth of liner, 11 inches.
No. CHR-3. Each\$4.50

PAPIER MACHE CONTAINERS

KEIDING POT COVERS



White.

	Top Diam.	Depth	Pack Per Case	Price Each
No. 3	4½"	4"	150	8½c
No. 4	5"	5"	100	10½c
No. 5	6½"	6½"	100	14c
No. 6	7½"	7½"	50	17½c
No. 7	8½"	8"	50	26½c
No. 8	10"	9½"	40	40c

KEIDING VASES



8" Vase. Top diam., 4½". Height, 8". White. Packed 60 to case.

Each15c

11" Vase. Top. diam., 7". Height, 11". White. Packed 36 to case.

Each26½c

JARDIER ROSE VASE

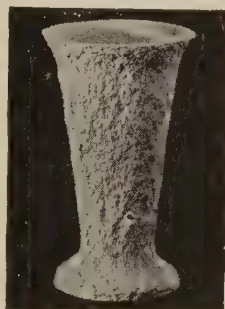
No. 400

Weighted base. White.

Top diam., 5¼". Height, 10".

Packed 40 to case.

No. 400. Each..24¼c



JARDIER SPRAY VASE AND MUM VASE



Weighted base. White.

No. 500—

Spray Vase.

Top diam., 7½".

Height, 10".

Packed 18 to case.

Each37c

No. 700—

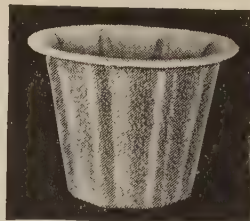
Mum Vase.

Top Diam., 9½".

Height, 13".

Packed 12 to case.

Each55c



JARDIER

POT COVERS

"Triumph" Style

White.

	Top Diam.	Pack Per Case	Price Each
No. 3	4¼"	200.....	8½c
No. 4	5¼"	100.....	10¼c
No. 5	6¼"	90.....	13½c
No. 6	7¼"	60.....	17¼c
No. 7	8¼"	40.....	26½c
No. 8	9¼"	24.....	40c
No. 9	11"	24.....	50c

JARDIER BULB BOXES

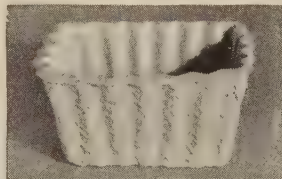


White

No. 4 12" x 5" 50 to case.....28c

No. 6 16" x 5½" 30 to case.....45c

KEIDING BULB BOX



White

Packed 150 to case

Each9¾c

KEIDING CENTERPIECES

White
9" x 5".
100 to case.
Each14c
11" x 6".
75 to case.
Each21c



FORMART VASES

Color: White.



Number	Height	Width	Pack per case	Price Each
120	7½"	7½"	24	25c
135	11"	8"	24	35c
150	14"	9½"	12	50c
155	12"	11"	12	55c

PLEASE

Order in case lots whenever possible.

BOX VASE



White

Top, 8" x 4½"; depth, 5".

No. 19. 60 to case. Each.....20c

HEART VASE

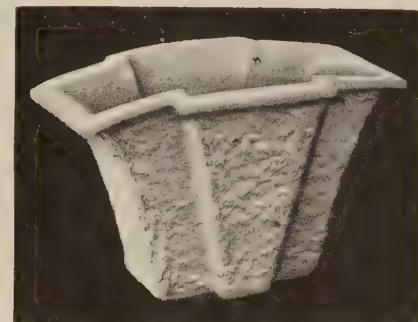


White. Weighted base.

Top, 11" x 4½"; height, 10"

No. 45. 12 to case. Each.....52c

WEDGEWOOD VASE



White. Weighted base.
Top, 10" x 6½"; depth, 7"

No. 600. 30 to case. Each.....33½c

FANTASY VASE



White. Weighted base.

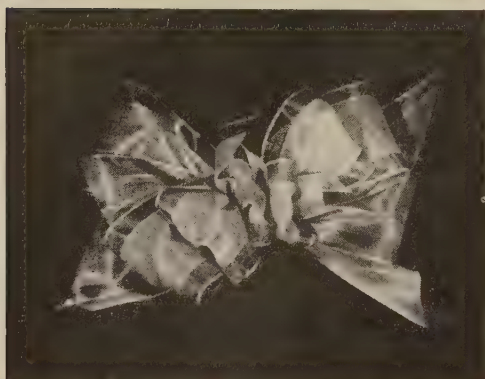
Top, 10½" x 5½"; height, 9½".

No. 800. 12 to case. Each.....50c

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

STYLISH SPRAY RIBBONS

Pattern "Marilyn"



The aristocrat of metallines. Its fine, solid weave and beautiful, live colors make it a superb ribbon for better class sprays, wreaths and funeral baskets. Colors: White, pink, blue, yellow, talisman, better times, Nile green, picardy, orchid, lavender, purple, fuschia, premier, gray, red. Width, 4½ inches.

40-yard bolt. Each.....\$ 2.00
10 bolts for..... 19.00

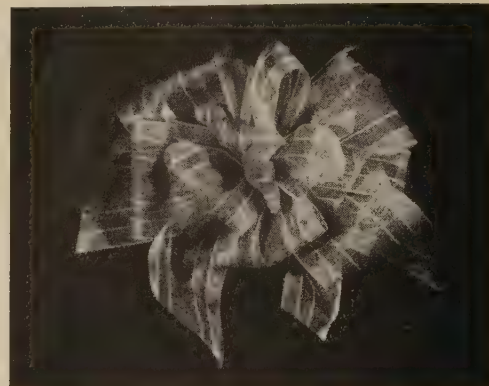
Pattern "Necessity"



An attractive metalline with a striped, open weave. Its live colors give a good appearance when used on lower priced work. Colors: Same as colors listed under "Barbara." Width, 4½ inches.

40-yard bolt. Each.....\$ 1.35
10 bolts for..... 12.50

Pattern "Barbara"



A high grade, solid weave metalline. Has a good body and makes a beautiful bow that keeps its shape. Colors: White, pink, blue, yellow, talisman, better times, Nile green, picardy, orchid, lavender, purple, red. Width, 4½ inches.

40-yard bolt. Each.....\$ 1.90
10 bolts for..... 18.50

MALINE

Full 27-inch width. Just the thing for weddings. Colors: White, pink, yellow, light blue, aqua, Nile green, better times, brown, orchid, egg-shell.

Cut. Per yard.....\$0.25
Bolt of approx. 35 yards. Per bolt..... 5.50

**A. F. S. STANDS FOR
QUALITY IN RIBBONS**

DECORATIVE RIBBONS FOR POTTED PLANTS



Pattern "Swanky"

A beautiful pot tie with a lustrous finish. Colors: White, pink, blue, yellow, Nile green, moss green, orchid, talisman, better times, red. Width, 7/8 inch.

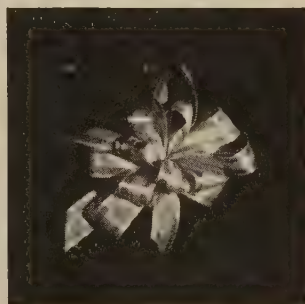
40-yard bolt. Each.....\$0.90
10 bolts for..... 8.50



Pattern "Irene"

This good grade of pot tie has been our best seller for years. Colors: White, pink, blue, yellow, lavender, Nile green, moss green, orchid, premier, talisman, purple, autumn, picardy, better times, red, red and white. Width: 7/8 inch.

50-yard bolt. Each.....\$ 0.65
10 bolts for..... 6.00
50 bolts for..... 27.50



Pattern "Sensation"

An excellent ribbon of good body. Wider than the usual pot tie, it makes a fine, full bow. Width 1¾ inch. Colors: White, pink, blue, yellow, Nile green, moss green, better times, orchid, premier, talisman, fuchsia, picardy, gardenia, yellow and Nile, pink and blue, red, red and white.

40-yd. bolt. Each.....\$0.90
10 bolts for..... 8.50

LACELON RIBBON



A new type non-woven lace ribbon made by the makers of Scotch tape. Its delicate pattern and warm colors make it especially attractive for floral use. Lacelon ribbon is waterproof and can be stored in humid coolers for long periods without wilting, drooping or curling.

Colors: White, pink, light blue, royal blue, yellow, Nile green, fuchsia, orchid, Better times, Red. 50-yd. bolts.

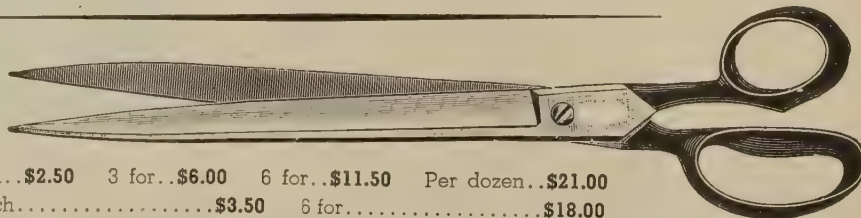
3-inch. Each....\$3.28 6 for....\$17.76
5-inch. Each.... 4.05 6 for.... 21.90

Attractive, Yet Inexpensive

RIBBON SHEARS

All nickel.

(9 inches overall.) Each..\$2.50 3 for..\$6.00 6 for..\$11.50 Per dozen..\$21.00
(10 inches overall.) Each.....\$3.50 6 for.....\$18.00



PRICES SUBJECT TO CHANGE WITHOUT NOTICE

RIBBONS OF DISTINCTION

RAYON SATIN RIBBON Pattern "Sunshine"



Finest quality cut-edge rayon SATIN. Colors same as Pattern "Debutante".

No. 9 width (1½ inch).	
50-yard bolt	\$ 1.15
10 bolts for	11.00
No. 40 width (2¾ inch).	
50-yard bolt	\$ 2.00
10 bolts for	19.00
No. 120 width (4½ inch).	
50-yard bolt	\$ 3.00
10 bolts for	29.00

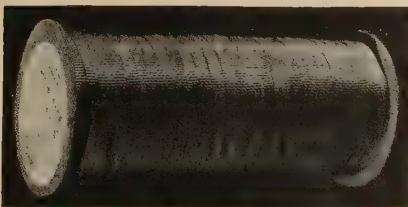
DECORETTE RIBBON



A lacy, non-woven ribbon that is outstanding for its delicate sheerness, workability and knot-tie strength. Waterproof—flame-resistant—crush-resistant. Fine for pot tie, packaging, and underwater arrangements. Colors: White, pastel pink, pastel blue, pastel yellow, Nile green, emerald green, royal blue, better times, orchid, chartreuse, red. Width 1¼ inches.

100-yd. bolt. Each....\$1.98 6 for\$10.74

RIBBONZENE

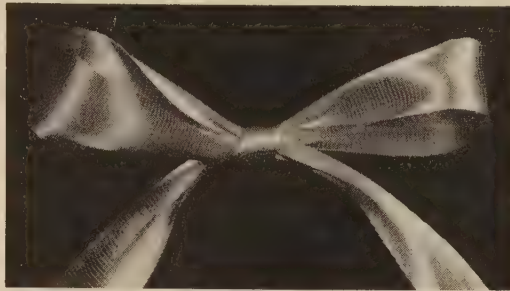


The Standard Tying Ribbon

¼" wide. Colors: White, pink, light blue, yellow, royal blue, green, orchid, red.

500-yard spool. Each.....\$ 1.20
10 spools for..... 11.50

RAYON SATIN CORSAGE RIBBONS



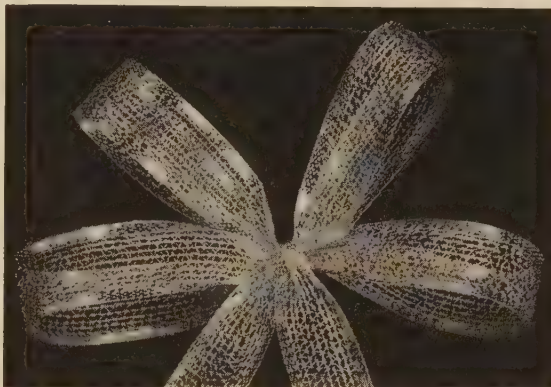
Pattern "Debutante"

A beautiful No. 3 width, lustrous cut-edge rayon SATIN Ribbon used by many leading florists. Soft and beautiful yet firm enough to make a fine, graceful bow.

COLORS:

White	Aqua	Maize
Eggshell	Light Blue	Orange
Pink	Royal Blue	Talisman
Better Times	Nile Green	Black
Lavender	Moss Green	Brown
Fuchsia	Emerald Green	Gardenia
Purple	Chartreuse	Picardy
Red	Orchid	Margaret Fulton
50-yard bolt. Each.....	\$0.55	
10 bolts for	5.00	

"EXQUISITE"



An unusual, lacy corsage ribbon with a woven edge of French creped tinsel, and interwoven with white rayon-silk. Dainty in appearance, it makes a neat, firm bow. Particularly suitable for quality corsages and silver wedding decorations. Full No. 3 width.

50-yard bolt. Each.....\$ 1.50
10 bolts for

TAFFETA CORSAGE RIBBON Pattern "Varsity"

Nice colored-edge rayon taffeta corsage ribbon in No. 3 width. Colors: White, pink, yellow, blue, orchid, gardenia, valley, better times, talisman, red.

40-yard bolt. Each.....\$0.60
10 bolts for..... 5.50

SHOWER RIBBON Pattern "Suzanne"

No. 2 width. Colors: White, pink, blue, Nile, maize, better times, aqua.

100-yard bolt. Each.....\$0.95
10 bolts for

FANCY NINON Pattern "Bright Future"



A lovely new Ninon Ribbon with two twin-stripes of glittering silver tinsel. 2¼ inches wide. Colors: Light blue, royal blue, maize, talisman, better times.

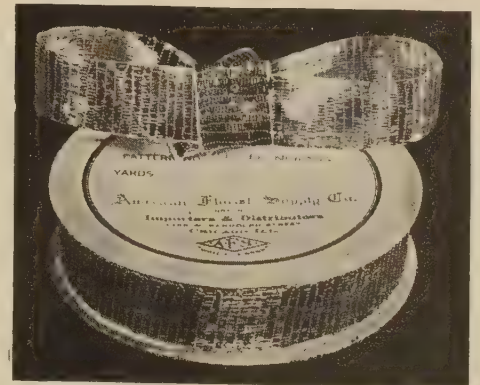
50-yard bolt. Each.....\$ 3.00
10 bolts for

TRI-COLOR RIBBON Pattern "Yankee"

Red, white and blue striped—for American Legion, patriotic and national designs and bouquets.

No. 5 width (7/8 inch).	
50-yard bolt. Each.....	\$1.25
No. 40 width (2¾ inch). 40-yard bolt.	
Each	2.50
No. 120 width (4½ inch). 40-yard bolt.	
Each	3.50

TINSEL RIBBONS



Pattern "Stardust"

A bright, lustrous creped tinsel, available in two widths. 50-yard bolts.

Silver or Gold.

No. 2 width. Per bolt.....	\$1.15
No. 3 width. Per bolt.....	1.25

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

INDEX TO SUPPLIES

A	Page		Page		Page
Acid Plant Food.....	62	Cloth Houses	60	Garden Guard	65
Activo	62	Cloth, Shading	60	Garden Tools	80, 81
Adco	62	Cloth, Sterilizing	60	Gas Masks	75
Airosol Bombs	64, 67, 68	Coats, Rubber	75	Glass Cleaner	76
Airosprayer	72	Coin Clips	89	Glass Cutters	76
Aisle Cloth	92	Cone Holders	89	Glass Graduates	67
Album of Designs.....	16	Containers, Papier Mache.....	99	Glass Sparkle	93
Alladin	93	Copper Sulphate	64	Glass Substitutes	77
Aluminum Sulphate	62	Corrosive Sublimate	64	Glass Ware	98
Ammonium Phosphate	62	Corsage Items	92	Glaswik	77
Ammonium Sulphate	62	Cosmata Soap	69	Glazing Materials	76
Anniversary Emblems	94	Cotton, Gardenia	86	Gloves, Rubber	75
Ant Killers	67, 68	Couplings, High Pressure.....	73	Go-Cart	81
Apomite	64	Couplings, Hose	70	Gold Letters and Script.....	98
Aprons, Rubber	75	Crabgrass	69	Gopher Control	67, 68
Aquapics and Aquapins.....	94	Crepe Paper	91	Grafting Bands	69
Aramite	64, 68	Crinklebush	96	Grafting Wax	69
Arasan	64	Cultivators	80, 83	Grass Catcher	83
Arsenate of Lead.....	64, 68	Cuprinol	76	Grass Hooks	78
Artificial Flowers and Wreaths.....	96	Cyanogas	64, 67, 68	Grass Mats	96
Asphalt Emulsion	69			Grass Shears	78
Asparagus Fern	96	D		Greenol	65
Azobenzene	64	D-Con	67, 68	Gummed Tape	91
B		D.D.T. Bombs	64, 67, 68	Gypsum, Agricultural	62
Bags, Corsage	91	D.D.T. Powder and Dusts.....	64, 68	Gypsophila	96
Baskets, Flower	98	Dee-Dex	67, 68	H	
Baskets, Hanging	95	Delta Dispenser	63	Handles, Handy	98
Baskets, Pansy	88	Designers Notebook	16	Hanging Baskets	95
Bank Pins	92	Designs, Moss Filled.....	95	Hats, Rubber	75
Beauty Vases	98	Detex	64	Hedge Shears	78
Benzene Hexachloride (BHC).....	64	Diamond Flowers	96	Herbicide	68, 69
Benzofume	64	Dibble	81	Handicarts	84
Bird Paper Pots	88	Dimite	65, 68	Hoes	80
Bird Vita-Bands	87	Distributors, Fertilizer and Seed.....	84	Holders, Flower	97
Black Leaf 40.....	64, 68	Dithion Bomb	64	Holder, Tool	80
Blood and Bone	62	Dogzoff	67, 68	Holder, Utility	90
Blood, Dried	62	Dormant Spray, Scalecide.....	66	Hole-in-One Planter	81
Bloomlife	93	Doves	95	Holly Berries	97
Bloomtint	93	Dowfume MC-2	65	Hormodin	68
Blue Stones	64	Du Pont Spreader-Sticker.....	65	Horn Shavings	62
Bone Meal	62	Dusters	74	Hose Fittings	70, 71
Books	16, 17	D-Wax	69	Hose, High Pressure.....	73
Boots, Rubber	75	Dyes, Flower	93	Hose, Greenhouse and Garden.....	70
Bordeaux Mixture	64, 68	E		Hotkaps	88
Bouquet Holders	92	Easels	95	Hozon Syphon	63
Bouttonniere Pins	92	Edgers, Lawn and Turf.....	80	Humidity Indicators	61
Bowls, Beauty	97	Electra	62	Hyacinth Stakes	85
Boxes, Flower and Corsage.....	91	Electric Hedge Trimmer.....	78	Hydrated Lime	62
Boxes, Gardenia	86	Emblems, Gold	94	Hyponex	62
Brackets, Shelf	85	Envelopes, Paper and Glassine.....	90	I	
Brushpens	86	Evergreen Spray	65, 68	Insecticides	64-68
Buckles, Corsage	92	F		Insecticides, Resale	68
Budding Strips	69	Fans, Bridal	92	Iron Horse Vases.....	88
Bulb Boxes, Jardier.....	99	Fasteners, Tag and Stake.....	85	Iron Sulphate	62
Bulbs, Spray	73	Fermate	65	Iscothan	67
Burlap, Green	95	Fern, Asparagus	96	J	
C		Fern Pins	95	Jardiers	99
Candles	92	Fertilizers	62	K	
Cane Stakes	85	Fertilizer Distributors	84	Kaber Klips	92
Cans, Sprinkling	74	Fish Oil Soap	65	Kapsulate	66, 68
Calcium Sulphate	62	Fiats	88	Knee Pads	75
Cards, Florist	90	Floodlight	75	Knives	79
Carnation Packs	86	Floradye	93	L	
Carnation Staples	86	Floraglow	93	Labels, Pot, Tree, Garden.....	86
Casket Plaques	95	Floralife	93	Lapel Pin	94
Cartridges, Arnold Sprayer.....	68, 72	Floratape	92	Lawn Edgers	80
Cattails	96	Florawax	93	Lawn Mowers	82
Cattle Manure	62	Florettes	97	Lawn Sprinklers	71
Cellophane, Roll and Shredded.....	91	Flowers, Artificial	96	Lawn Sweepers	84
Celluloid Labels	86	Flower Holders	97	Lawn Sweeps	80
Cement, Stickquick	93	Foil, Florist	91	Lead Arsenate	64
Cemetery Vases	93	Formaldehyde	65	Leaf Mold	63
Centerpieces	99	Forks, Spading	81	Letters, Gold	94
Ceresan	64	Fruitone	68	Lily of the Valley	96
Charcoal	63	Fume Tobac	65	Lime Sulphur	65
Chenille Skeins and Stems.....	92	Fungtrogen	65	Lodge Emblems	94
Cherries, Artificial	97	G		Lopping Shears	78
Chicken Wire	94	Galvanized Vases	88	Lycopodium	96
Chlordane	64, 68	Galvanized Wire Stakes.....	85	Lvsol	65
Clamps, Hose	70	Gardenia Boxes	86		
Clay, Floral	97	Gardenia Collars	86		
Clock Dials	94				

INDEX TO SUPPLIES (Continued)

M	Page		Page		Page
Magnolia Leaves	96	Pressure Gauge	73	Staples, Glazing	76
Maline	100	Pruners	78	Staples, NevaClog and Ace	89
Manganese Sulphate	62	Pruning Compounds	69	Static	96
Magnesium Sulphate	62	Putty	76	Stem Stripper	90
Magnifiers	77	Putty Bulbs and Guns	76	Stones, Sharpening	79
Manure	62	Pyrethrum Sprays	65	Stop	67, 68
Masks, Gas	75			Styrofoam	95
Mats, Grass	96	R		Sulphate of Ammonia	62
MC-2	65	Racks, Foil and Ribbon	90	Sulphurs	66, 68
Menders, Carnation	86	Raffia	69	Superphosphate	62
Menders, Hose	70	Rakes	80	Sweepers, Lawn	84
Metalline	100	Red Arrow Spray	66	Syringe Nozzles	70
Moss, Peat	63	Red Squills	67, 68		
Moss, Sphagnum and Sheet	95	Reel, Hose	71	T	
Mowers, Lawn	82	Respirators	75	Tacker, Automatic	89
Muffs, Wedding	92	Ribbons and Ribbonzene	100, 101	Tag Fasteners	86
Muriate of Potash	62	Ribbon Shears	100	Take Hold	62
		Roach Killers	67, 68	Tanglefoot	67, 68
N		Rodent Destroyers	67, 68	Tankage	62
Naptholene Flakes	65	Rodent Repellent	67, 68	Tape, Gummed	91
Neponset Pots	88	Rootone	68	Tape, Scotch	89
NevaClog Staplers	89	Rose Leaves	96	Tartar Emetic	67
New Plant Life	62	Rotecide	66	Tat C-Lect	68, 69
Nicofume	65	Rotenone Sprays	66	Temperature Alarms	61
Nicotine Sulphate	64, 68	Rubber Clothing	75	TEPP	64, 67
Nitrate of Soda	62	Rust Preventive	77	Terralite	63, 95
Nix	69			Thermometers and Thermostats	61
N.N.O.R.	67	S		Threads	89
Nozzles, Hose	70	Santomerse S.	66	Tissue Paper	91
Nozzles, Spray	73	Saucers, Rubber	88	Tobacco Dust	67
		Saws, Pole and Pruning	78	Tools, Garden	80, 81
O		Scalecide	66	Transplantone	68
Oktone	69	Scotch Tape	89	Tree Banding Compound	67, 68
Optox	65	Script, Gold	94	Tree Diggers	81
Orchid Peat	77	Seeder, Vibra	88	Tree Food	62
Osmunda Fiber	77	Seed Sowers	80	Tree Labels	86
Ovotran	65	Semesan	66	Tree Wound Paints	69
		Shading Compounds	76	Tree Wrap	69
P		Sharpening Stones	79	Tri-Ogen Kits	67, 68
Paint, Greenhouse	76	Shears and Snips	90	Trisodium Phosphate	72
Paints, Tree Wound	69	Shears, Grass	78	Trowels	81
Palm Tubs	88	Shears, Pruning and Hedge	78	Tubs, Palm	88
Pansy Baskets	88	Shears, Ribbon	100	Twines	89
Paper, Crepe	91	Sheep Manure	62	Twistems	86
Paper Cutters	91	Shelf Brackets	85		
Paper, Wrapping and Tissue	91	Shovels	81	U	
Papier Mache Containers	99	Shredders, Soil	83	Utility Holder	90
Parafilm	92	Sidewalk Scraper	80	Utility Shears	90
Parasols, Bridal	92	Sieves	80		
Parathion Bomb	64	Slug Shot	66	V	
Parathion Dusts and Powders	65	Smoke Generators	66	Valves, Hose	71
Parzate	66	Snarol	66	Vapotone	67
Pearl Chips	77	Sno-pak	95	Vases, Beauty	98
Peat Moss	63	Soap, Cosmata	69	Vases, Cemetery	93
Pencils	86	Sodium Nitrate	62	Vases, Galvanized	88
Penetrol	66	Sodium Selenate	66	Vases, Jardier	98
Peppergrass	96	Sod Cutter and Lifters	84	Vermiculite	63, 95
Planters	97	Soilene	66	Vertagreen	62
Picks	94	Soil Heating Sets	77	Vibra-Seeder	88
Pillows, Ring Bearer	92	Soil Soakers	71	Vitabands	87
Pinking Shears	90	Soil Shredders	83	Vogue in Flowers	16
Pins, Corsage and Bank	92	Soil Test Kits	63	Volck	67, 68
Pins, Philly Fern	95	Soot, Scotch	63		
Plantabbs	62	Spades and Spading Forks	81	W	
Plant Bands	87	Sparkle Glass	93	Washers, Hose	70
Plantfume	66	Speedry Brushpens	86	Water Breakers	70
Plant Glaze	90	Spergon	66	Water Tube Picks	94
Plant Stakes	85	Sphagnum Moss	95	Wax Flowers	96
Plant Stands, Wire	88	Spray Bars	95	Wax Tissue	91
Plant Ties	86	Spray Bulbs	73	Wedding Supplies	92
Plantrays	88	Spray Enamel	93	Weed Killers and Weed Burner	68, 69
Points, Glazing	76	Spray Hangers	95	Weed Knives	81
Poison Wheat	67, 68	Sprayer Hose	73	Wheelbarrows	84
Potassium Chloride	62	Sprayer Nozzles and Parts	73	Wheels, Rubber-tired	84
Potassium Permanganate	66	Sprayers, Insecticide	72	Window Box	88
Pot Covers	99	Sprayers, Power	74	Wire, Box, Stone and Stick	94
Pot Drains	77	Spreaders, Fertilizer	84	Wire, Galvanized	85
Pot Labels	86	Sprinkling Cans	74	Wire Designs	95
Pot Tie	100	Sprinklers, Lawn	71	Wire Snips	90
Pots, Paper	88	Sprinklers, Seedling	70	Wire Winder	85
Pots, Plastic	97	Stake Fasteners	85	Wrapping Paper	91
Pots, Watering	97	Stakes, Cane and Wire	85	Wreaths, Artificial	96
Poultry Netting	94	Staples, Carnation	86	Wreaths, Wire and Moss Filled	95
Prayer Book	92	Staples, Corrugated Box	89	Wreath Rolls	95
Preservatives, Wood	76				

X, Y, Z

Zerlate 67

1952 A.F.S. BLUEBOOK

The Complete Guide to All Horticultural Supplies



SUPPLIES ARE SHIPPED FROM CHICAGO

All items of florist supplies listed in the A.F.S. Bluebook section of this catalog are shipped from Chicago unless a different f.o.b. point is shown.

Our eastern customers are urged to send their orders for supplies direct to Chicago rather than to our New York sales office in order to save time.

TERMS OF BUSINESS

Routing: Please give explicit shipping directions with each order, giving name of Freight, Express and Post Office stations. If no directions are given we will use our best judgment, but all goods travel at purchaser's risk.

Parcel Post: We will be pleased to send such items as can be mailed by Parcel Post; customers to remit for postage. We do not deliver any goods free at Wholesale Prices.

Disclaimer: The American Bulb Company and the American Florist Supply Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds (bulbs or plants) or florist supplies it sells and will not be responsible for the crop.

If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise, however, the greatest care to fill our orders with the highest quality possible, as it is our constant aim to give our customers fullest satisfaction.

Cash Discounts: Cash with order only. 2% on Florist Supplies.

Otherwise, on bills for Florist Supplies, a discount of 2% for payment 10 days from date of bill may be deducted. Exception to the above is taken when goods are supplied under special quotation, in which case particular terms will be noted.

Prices: This list cancels all previous offers.

Unknown correspondents desiring to open an account will please furnish three references to parties in the trade with whom they have had credit relations, and sufficient time to investigate same; otherwise cash must accompany order.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance. We cannot arrange to send perishable stock C. O. D.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order, and we reserve the right to advance prices without notice.

DOMESTIC PARCEL POST RATES

On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions, Effective Oct. 1, 1951

	First pound or fraction	Each additional pound or fraction
Local—Chicago	15c	1.25c
First and Second Zones within 150 miles.....	17c	2.4c
Third Zone within 150 to 300 miles.....	17c	3.5c
Fourth Zone within 300 to 600 miles.....	19c	4.75c
Fifth Zone within 600 to 1000 miles.....	21c	6.75c
Sixth Zone within 1000 to 1400 miles.....	23c	9.25c
Seventh Zone within 1400 to 1800 miles.....	25c	11.5c
Eighth Zone all over 1800 miles.....	27c	14c

POSTAGE—PLEASE NOTE!

EXPRESS RATES have been substantially INCREASED. Be sure to INCLUDE POSTAGE with CASH ORDERS for small items, in order to obtain the LOWEST TRANSPORTATION COST.

✎ Any overpayment will be promptly refunded.

✎ If postage is OMITTED from your order, we will assume that you . . .

—Desire Shipment Sent Express Collect.

AMERICAN FLORIST SUPPLY CO.

A DIVISION OF AMERICAN BULB CO.

1335 West Randolph Street

Chicago 7, Illinois

MO Monroe 6-0121

HA Ymarket 1-6774

Annual Seeds ?	Insecticides ?	Florist Wire ?
Perennial Seeds ?	Fertilizer ?	Ribbons ?
Vegetable Seeds ?	Plant Bands ?	Flower Boxes ?
Grass Seeds ?	Cane Stakes ?	Foil or Crepe Paper ?
Rooted Cuttings ?	Pot Labels ?	Pot Covers or Vases ?
Bulbs ?	Wrapping Paper ?	Bloomlife or Floralife ?

FOLD ON THIS LINE

NEW YORK 1, NEW YORK

31 West 27th Street

AMERICAN BULB CO.

BUSINESS REPLY ENVELOPE

First Class Permit No. 28309, Sec. 34.9, P. L. & R. New York, N. Y.

No
Postage Stamp
Necessary
If Mailed in the
United States

Postage
Will Be Paid
by
Addressee

MILLISON & ETTEN CO., CHICAGO

KINDLY DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A PROMPT REPLY.

DISCLAIMER: The American Bulb Co. and American Florist Supply Co. give no warranty, expressed or implied, as to description, quality, productiveness or any other matter of any seeds, plants or supplies they sell and will not be responsible for the crop.

FOLD ON THIS LINE

ness or any other matter of any seeds, bulbs, plants or supplies they sell and will not be responsible for the crop.

[illegible]

PEST and DISEASE CONTROL CHART

INSECT	CROP	CONTROL MEASURE	REMARKS	DISEASE	CROP	CONTROL MEASURE	REMARKS
Red spider	Any	Parathion bomb, spray, or dust.	Parathion in the presence of sulfur causes leafdrop on roses. Parathion bombs not recommended on chrysanthemum flowers.	Damping-off	Any	Arasan.	Treat seeds — light covering only.
		TEPP bomb or spray. Dithion bomb or smoke generator.				Fermate, Zerlate, or Parzate.	Destroy diseased seedlings or cuttings and dust lightly to prevent spread.
		Ovotran (K-6451) bomb or spray.	The 50% wettable powder can be painted on steam pipes using 1 lb. per 100,000 cu. ft. Vents should be closed 6-8 hours, temperature range 60°-85° F.			Steam sterilize soil mixture and pots.	Avoid injury to stems of seedlings or cuttings when potting or planting.
		Sodium selenate on tolerant crops.	Carnations, mums, asters, snapdragons, cyclamen, and St. Paulia.	Black spot	Roses	1 lb. Fermate per 100 gal. with Santomerse S 1-2000.	Avoid splashing water on foliage. Regular spraying necessary.
		Aramite spray.	Use 1 1/4 lbs. of the 15% wettable powder per 100 gal. plus a spreader and thoroughly cover the plant. Non-poisonous to humans, and has a long residual action on the plant.		Chrysanthemum English Ivy	1 lb. Fermate, Zerlate, or Parzate per 100 gal. with Santomerse S 1-2000.	Avoid splashing water on foliage.
		Dimite spray.	Use at 1-1200 or 1-1600; stronger dilutions usually cause injury.	Mildew	Calendula Chrysanthemum Hydrangea Rose Saintpaulia	6-8 oz. Iscothan per 100 gal. with Santomerse S 1-2000.	May cause yellow spotting on some rose varieties.
Thrips	Any, inside or outside	Rotenone sprays.	Less effective than any of the above and the oil in which it is dissolved may cause damage to some plants.			Wettable sulfur sprays with Santomerse S 1-2000. Sulfur dust.	Often bleaches flowers. Parathion and sulfur together cause leafdrop on roses.
						Greenol, Fungtrogen, Grape and Rose dust, Malachite green.	
				Root rot and Soft rot	Calla	2 oz. wettable Spergon in 1 gal. water. Soak 3 hours.	Cut off all rotted portions of bulb before soaking. Steam sterilize soil and pots. Plant bulbs immediately after soaking treatment.
Aphids	Any, inside or outside	Parathion, BHC, DDT.	Parathion and DDT injure Kalanchoe and some other succulents.			1 lb. New Improved Ceresan per 50 gal. water. Soak 1 hour.	
		5% DDT dust.				Formaldehyde 1-50. Soak 1 hour.	
		Corrosive sublimate, Lysol, formaldehyde.	Bulb disinfectants.	Leafspots and foliage blights (bacterial and fungus)	Aster Azalea Begonia Carnation Chrysanthemum Cyclamen English Ivy Gardenia Geranium Hydrangea	Fermate, Zerlate, or Parzate sprays or dusts. Avoid splashing water on foliage. Give plenty of space and air.	Discard badly infected plants. On English ivy it is reported that a soil reaction near pH 5.0 reduces leafspot.
Leaf roller Mum midge White fly Leafhopper Ants Scale Tarnished plant bug	Any	Parathion bomb, spray, or dust. Dithion bomb or smoke generator. TEPP bomb or spray. BHC spray or dust. Nicotine and soap spray or nicotine fumigation. Rotenone spray or dust.	Chlordane for ants. Dithion bomb or smoke, generator for soft brown scale.				
		DDT or Parathion.					
				Botrytis blight	Lily	Fermate, Zerlate, or Parzate spray with Santomerse S 1-2000. Avoid splashing water on foliage.	Appears as black or brown areas, half moon-shaped near tip of leaf. May also be due to insufficient fertilization with nitrogen or too acid a soil.
Mealybugs	Any	Parathion bomb or spray.	Repeated applications necessary. Not recommended on poinsettias after they show color.			High humidity favors its development. Use some heat and ventilation even in mild weather. Fungicide sprays spot the petals—flowers unsalable.	Called petal blight and is quite common on white or soft varieties of carnations and chrysanthemus.
		TEPP or Dimite sprays.	Use Santomerse S 1-2000 as a spreader for better effectiveness.				
				Rust	Aster Carnation Chrysanthemum Snapdragon	Fermate, Zerlate, or Parzate sprays with Santomerse S 1-2000. Wettable sulfur with Santomerse S 1-2000. Sulfur dust.	Avoid splashing water on foliage.
Grasshoppers	Any	Chlordane dust or spray.					
Slugs Snails Cutworms Sowbugs	Any	Snarol.	DDT dust for sowbugs.				
Leafminer and Foliar nematode	Chrysanthemum	Parathion spray.	Repeated applications necessary.	Root nematode	Any	Steam sterilize soil, pots, and bench area where infected potted plants were grown.	On ground beds without a bottom, complete control will be impossible to attain.
		Sodium selenate.				Dow MC-2.	Follow directions of manufacturer.
		Nicotine 1-200 & soap.	Usually burns the foliage.				
Rose midge and Strawberry root worm	Rose	DDT. Three sprays of wettable powder on plants, soil, and walks 10 days apart.	Pinch and destroy heavily infested shoots.	Stunt	Chrysanthemum	Discard stock, including diseased and "apparently healthy" plants. Buy stunt-free plants.	A virus which is slow to show symptoms. Apparently healthy plants may have stunt in them.
		Parathion bomb.	Only effective when pests are feeding on the foliage. When the pest is in the soil for part of its life cycle, bomb is not effective.				
				Chlorosis	Azalea Gardenia Hydrangea	Re-establish root action by carrying on the dry side and apply iron sulfate at 1 oz. per 2 gal. Acid peat desirable in soil mixture.	May be caused by high pH, overwatering, root nematodes, symphyliids.
Mite	Begonia Cyclamen English Ivy Saintpaulia Snapdragon	Parathion spray.	Repeated applications necessary. Usually injures cyclamen severely.			Often caused by high nitrates. Leach or apply a mulch of chopped straw or ground corncobs. If due to high soluble salts, leach thoroughly.	Soil testing is useful in preventing this.
		TEPP or Dimite sprays.	Repeated applications necessary. Avoid undue wetting of soil with TEPP.				
		Rotenone & nicotine spray.	Repeated applications necessary—as often as every 5-7 days.	Mosaic	Any	Destroy badly infected plants.	A virus disease which causes yellowish streaks or blotches to appear on foliage. Often spread by aphids or leafhoppers. Keep them under control.

Compiled by

OHIO FLORISTS ASSOCIATION

A.F.S.

BLUEBOOK

The Complete Guide to all Horticultural Supplies

NURSERY ★ LANDSCAPING
TREE SURGERY ★ GREENHOUSE
FLORISTS AND CEMETERY

Supplies

1 9 5 2

AMERICAN FLORIST SUPPLY CO.
AMERICA'S LEADING SUPPLY HOUSE

Importers and Distributors

1335 WEST RANDOLPH STREET, CHICAGO 7, ILLINOIS